


STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING						FORM 3 AMENDED REPORT <input type="checkbox"/>				
APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER GMBU K-20-9-17				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT MONUMENT BUTTE				
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME GMBU (GRRV)				
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY						7. OPERATOR PHONE 435 646-4825				
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052						9. OPERATOR E-MAIL mcrozier@newfield.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU-13905			11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee')						14. SURFACE OWNER PHONE (if box 12 = 'fee')				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE		2272 FSL 242 FWL		NWSW	21	9.0 S	17.0 E	S		
Top of Uppermost Producing Zone		2538 FSL 80 FEL		NESE	20	9.0 S	17.0 E	S		
At Total Depth		2484 FNL 377 FEL		SENE	20	9.0 S	17.0 E	S		
21. COUNTY DUCHESE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 377			23. NUMBER OF ACRES IN DRILLING UNIT 20				
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 853			26. PROPOSED DEPTH MD: 5551 TVD: 5480				
27. ELEVATION - GROUND LEVEL 5358			28. BOND NUMBER WYB000493			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478				
Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	12.25	8.625	0 - 300	24.0	J-55 ST&C	8.3	Class G	138	1.17	15.8
Prod	7.875	5.5	0 - 5551	15.5	J-55 LT&C	8.3	Premium Lite High Strength	245	3.26	11.0
							50/50 Poz	363	1.24	14.3
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Mandie Crozier				TITLE Regulatory Tech			PHONE 435 646-4825			
SIGNATURE				DATE 06/21/2013			EMAIL mcrozier@newfield.com			
API NUMBER ASSIGNED 43013522630000				APPROVAL  Permit Manager						

NEWFIELD PRODUCTION COMPANY
GMBU K-20-9-17
AT SURFACE: NW/SW SECTION 21, T9S R17E
DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' – 1,150'
Green River	1,150'
Wasatch	5,750'
Proposed TD	5,551' (MD) 5,480' (TVD)

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation (Oil) 1,150' – 5,750'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO ₃) (mg/l)
Dissolved Bicarbonate (NaHCO ₃) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO ₄) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

4. **PROPOSED CASING PROGRAM**

a. **Casing Design: GMBU K-20-9-17**

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	300'	24.0	J-55	STC	2,950 17.53	1,370 14.35	244,000 33.89
Prod casing 5-1/2"	0'	5,551'	15.5	J-55	LTC	4,810 2.72	4,040 2.29	217,000 2.52

Assumptions:

- 1) Surface casing max anticipated surface press (MASP) = Frac gradient – gas gradient
- 2) Prod casing MASP (production mode) = Pore pressure – gas gradient
- 3) All collapse calculations assume fully evacuated casing w/ gas gradient
- 4) All tension calculations assume air weight

Frac gradient at surface casing shoe = 13.0 ppg
 Pore pressure at surface casing shoe = 8.33 ppg
 Pore pressure at prod casing shoe = 8.33 ppg
 Gas gradient = 0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. **Cementing Design: GMBU K-20-9-17**

Job	Fill	Description	Sacks	OH Excess*	Weight (ppg)	Yield (ft ³ /sk)
			ft ³			
Surface casing	300'	Class G w/ 2% CaCl	138 161	30%	15.8	1.17
Prod casing Lead	3,551'	Prem Lite II w/ 10% gel + 3% KCl	245 800	30%	11.0	3.26
Prod casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363 451	30%	14.3	1.24

*Actual volume pumped will be 15% over the caliper log

- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

From surface to ± 300 feet will be drilled with an air/mist system. The air rig is equipped with a 6 1/2" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ± 300 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 300' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +/- . A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

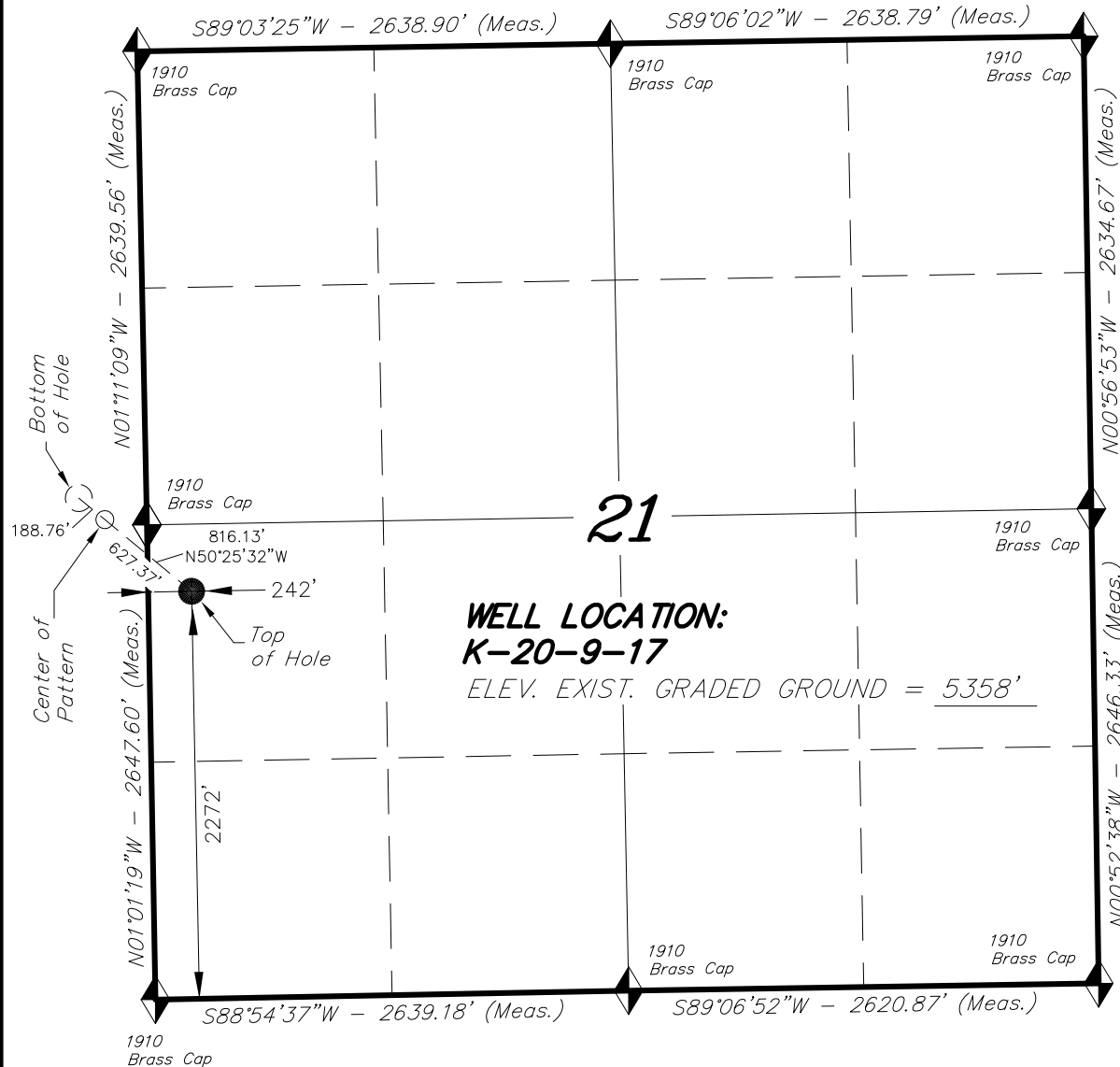
9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated

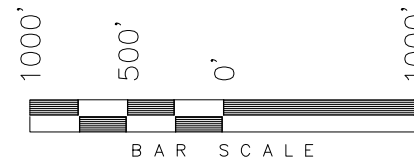
bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

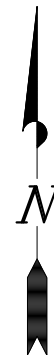
It is anticipated that the drilling operations will commence the fourth quarter of 2013, and take approximately seven (7) days from spud to rig release.

T9S, R17E, S.L.B.&M.**NEWFIELD EXPLORATION COMPANY**

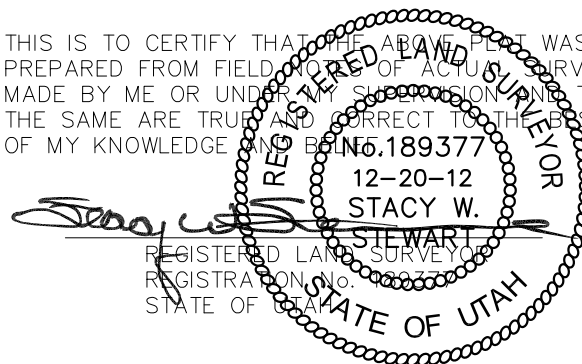
WELL LOCATION, K-20-9-17, LOCATED AS SHOWN IN THE NW 1/4 SW 1/4 OF SECTION 21, T9S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

**NOTES:**

- Well footages are measured at right angles to the Section Lines.
- Bearings are based on Global Positioning Satellite observations.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. $40^{\circ}04'09.56''$ LONG. $110^{\circ}00'43.28''$ (Tristate Aluminum Cap) Elev. 5281.57'



= SECTION CORNERS LOCATED

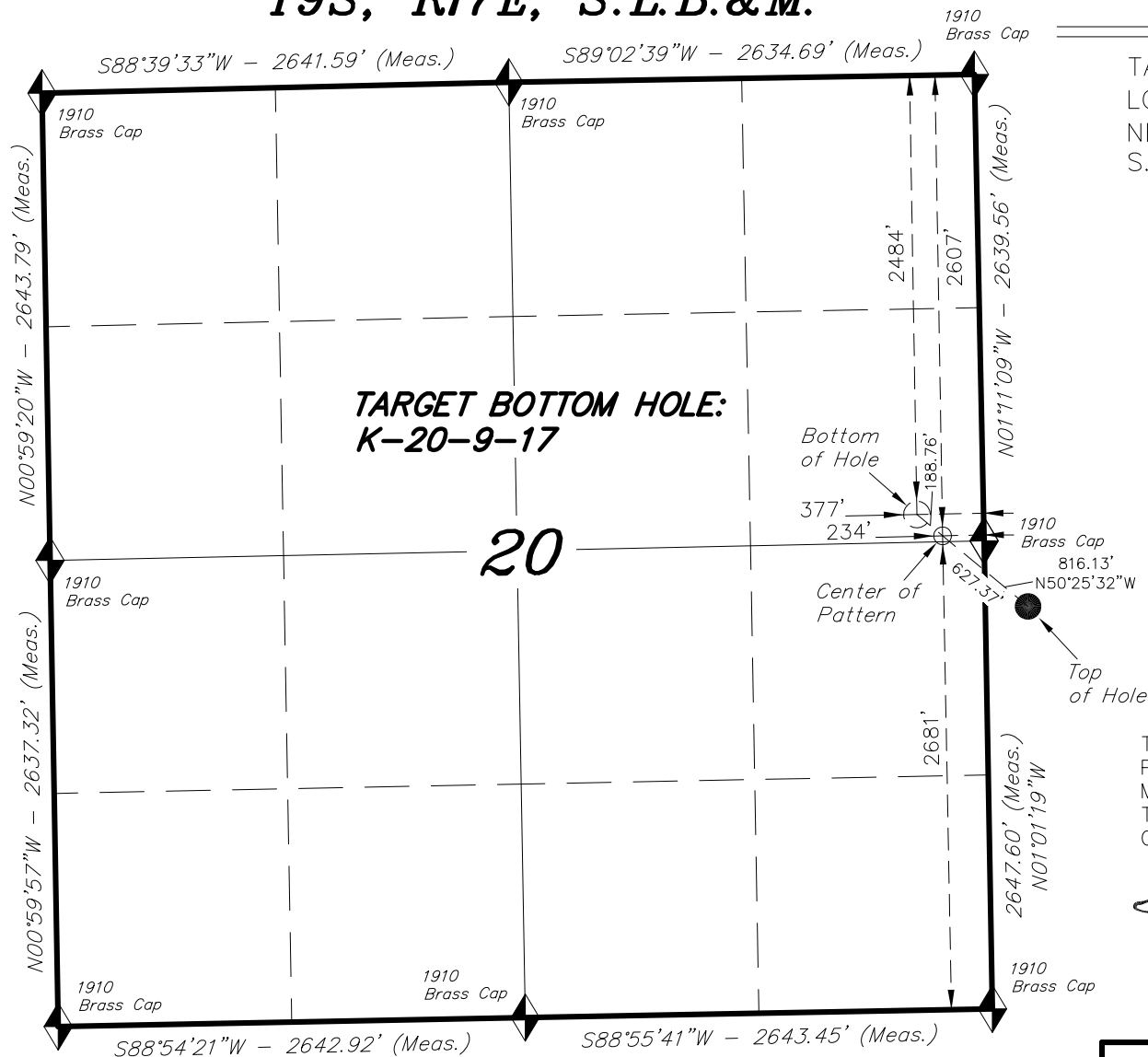
NAD 83 (SURFACE LOCATION)
LATITUDE = $40^{\circ}00'55.56''$
LONGITUDE = $110^{\circ}01'12.38''$
NAD 27 (SURFACE LOCATION)
LATITUDE = $40^{\circ}00'55.69''$
LONGITUDE = $110^{\circ}01'09.84''$

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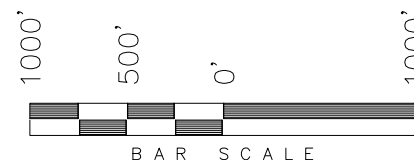
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 11-28-12	SURVEYED BY: W.H.	VERSION:
DATE DRAWN: 12-20-12	DRAWN BY: V.H.	V1
REVISED:	SCALE: 1" = 1000'	

RECEIVED: June 21, 2013

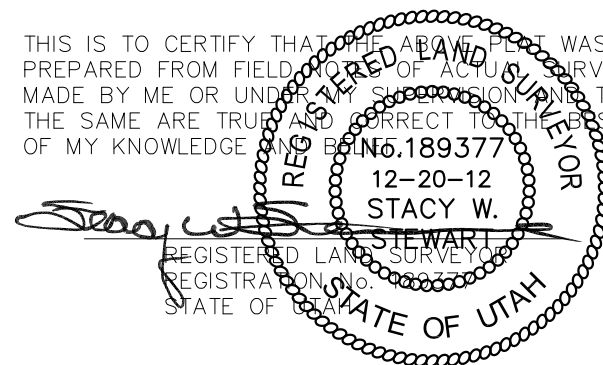
T9S, R17E, S.L.B.&M.**NEWFIELD EXPLORATION COMPANY**

TARGET BOTTOM HOLE, K-20-9-17,
LOCATED AS SHOWN IN THE SE 1/4
NE 1/4 OF SECTION 20, T9S, R17E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.

**NOTES:**

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. The Center of Pattern footages are 2607' FNL & 234' FEL.
4. The Bottom of Hole footages are 2484' FNL & 377' FEL.

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PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST
OF MY KNOWLEDGE AND BELIEF.



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV: Elevations are based on
an N.G.S. OPUS Correction. LOCATION:
LAT. 40°04'09.56" LONG. 110°00'43.28"
(Tristate Aluminum Cap) Elev. 5281.57'

NAD 83 (CENTER OF PATTERN)	NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 40°00'59.59"	LATITUDE = 40°01'00.80"
LONGITUDE = 110°01'18.51"	LONGITUDE = 110°01'20.35"
NAD 27 (CENTER OF PATTERN)	NAD 27 (BOTTOM HOLE LOCATION)
LATITUDE = 40°00'59.72"	LATITUDE = 40°01'00.93"
LONGITUDE = 110°01'15.97"	LONGITUDE = 110°01'17.82"

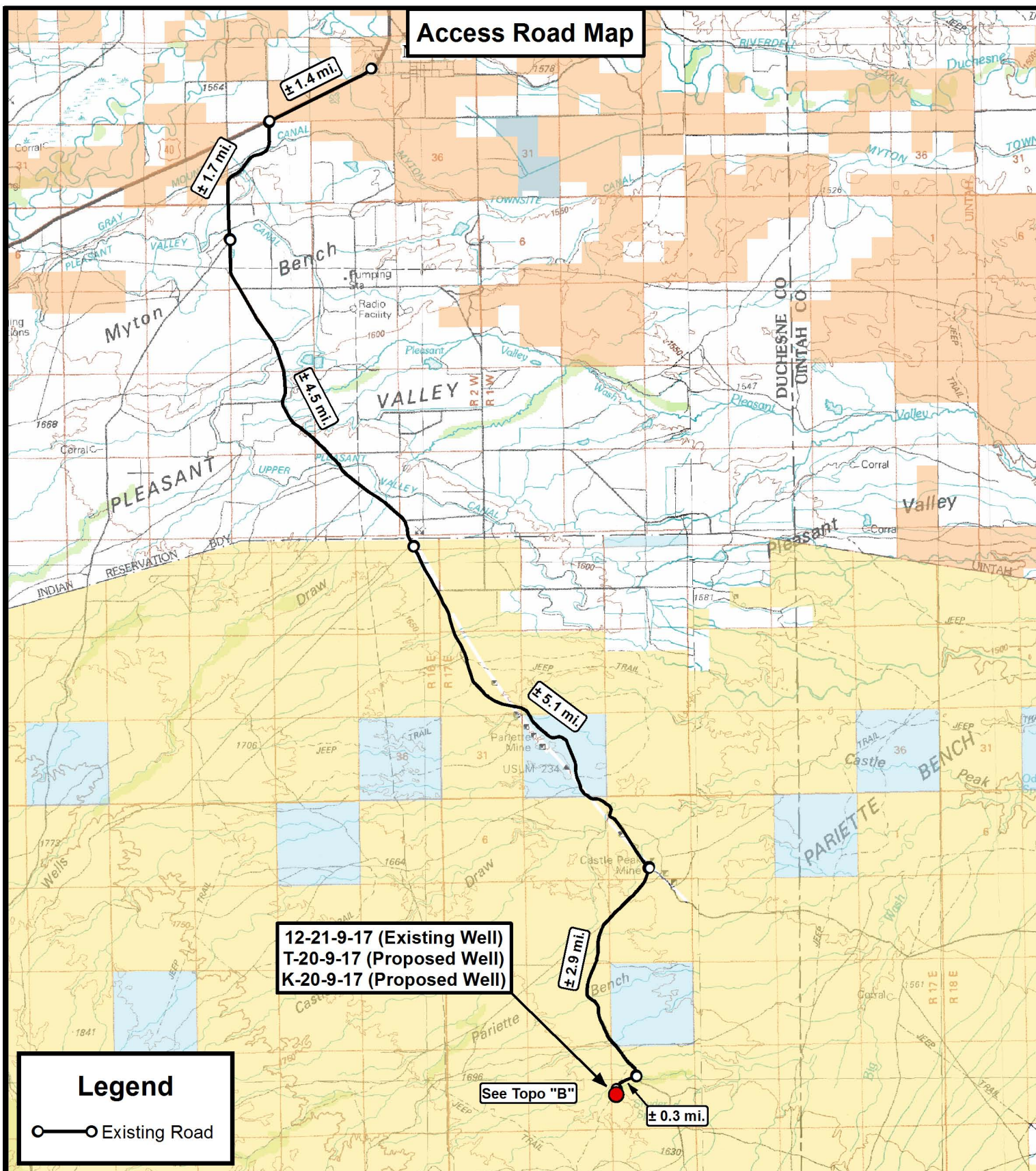
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DATE SURVEYED: 11-28-12	SURVEYED BY: W.H.	VERSION:
DATE DRAWN: 12-20-12	DRAWN BY: F.T.M.	V1
REVISED:	SCALE: 1" = 1000'	

RECEIVED: June 21, 2013

Access Road Map



Legend

— Existing Road



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NEWFIELD EXPLORATION COMPANY

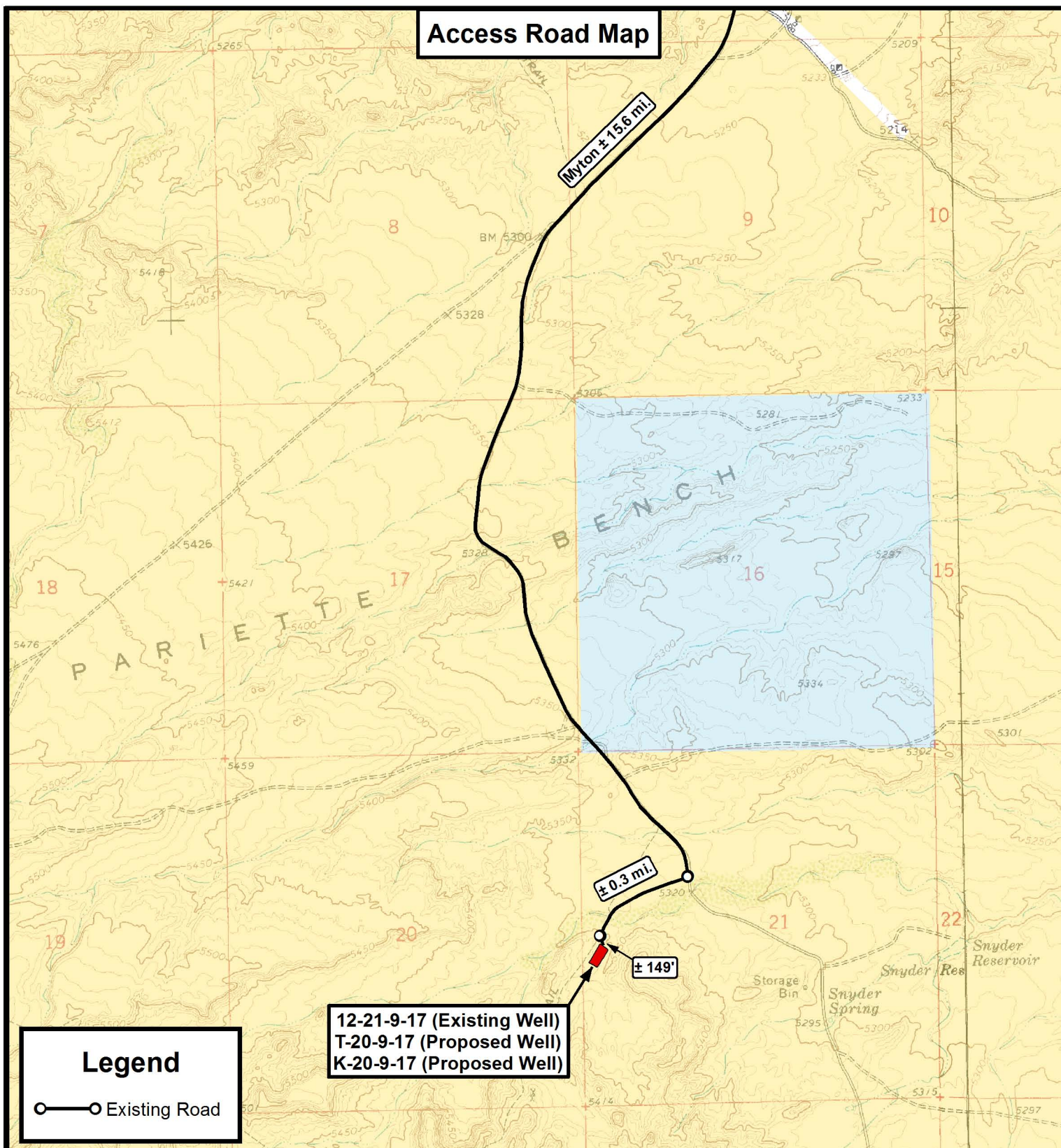
12-21-9-17 (Existing Well)
T-20-9-17 (Proposed Well)
K-20-9-17 (Proposed Well)
SEC. 21, T9S, R17E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	12-24-2012		V1
SCALE:	1:100,000		

TOPOGRAPHIC MAP

SHEET

A

Access Road Map

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**NEWFIELD EXPLORATION COMPANY**

12-21-9-17 (Existing Well)
 T-20-9-17 (Proposed Well)
 K-20-9-17 (Proposed Well)
 SEC. 21, T9S, R17E, S.L.B.&M. Duchesne County, UT.

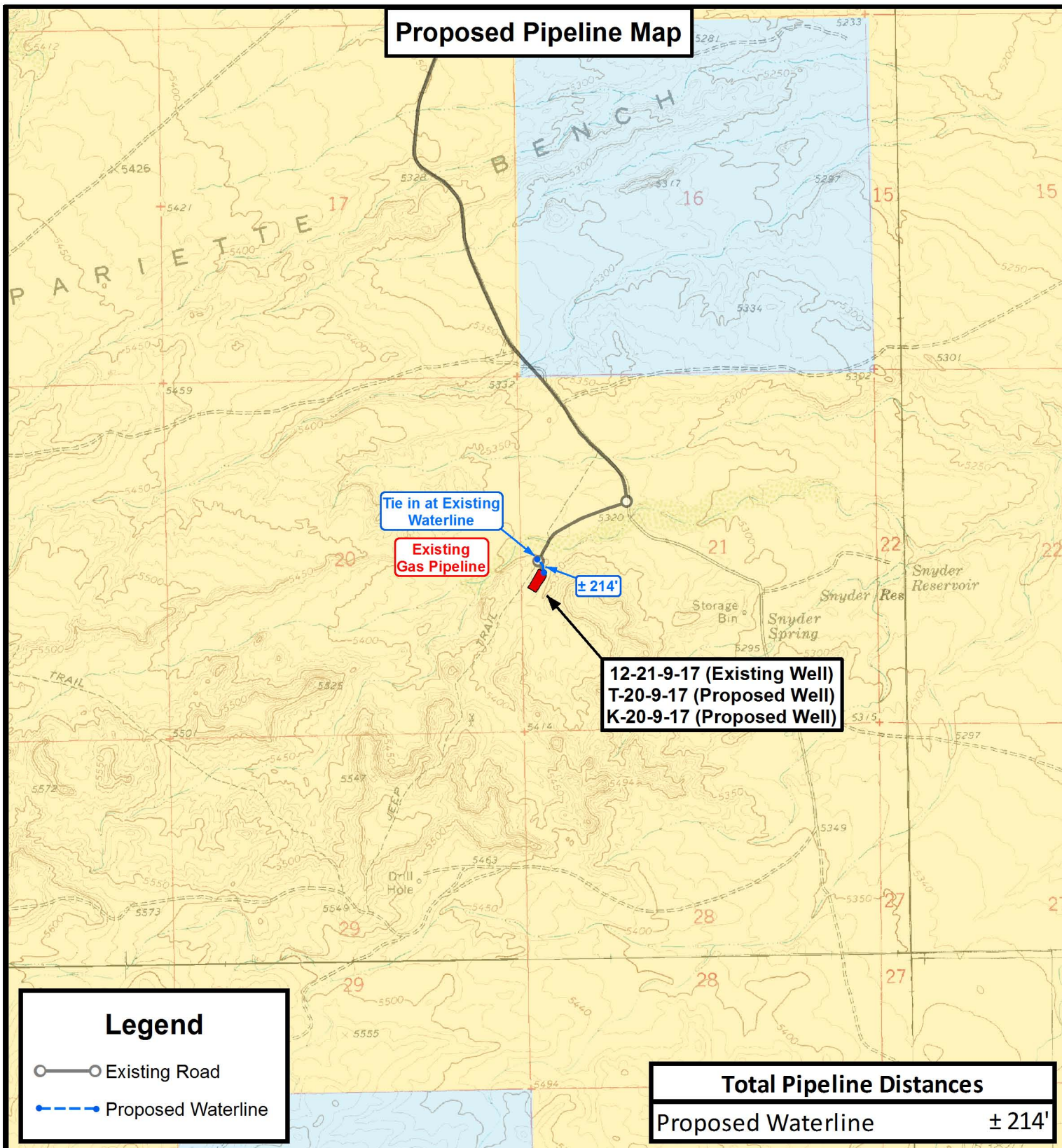
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DATE:	12-24-2012		V1
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

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B

Proposed Pipeline Map



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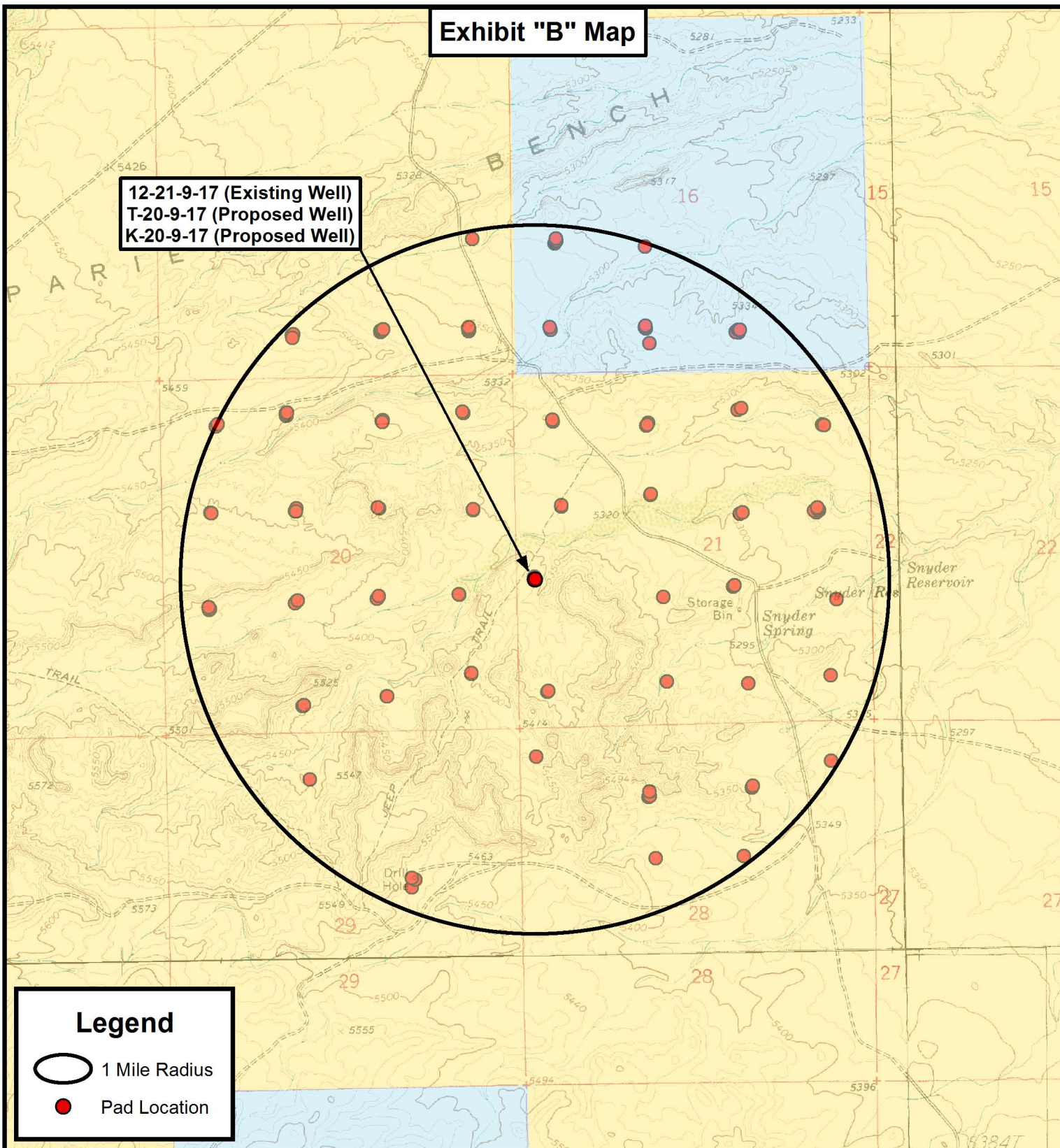
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DATE:	12-24-2012		V1
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET
C

Exhibit "B" Map

12-21-9-17 (Existing Well)
 T-20-9-17 (Proposed Well)
 K-20-9-17 (Proposed Well)

**Legend**

- 1 Mile Radius
 ● Pad Location

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 SEC. 21, T9S, R17E, S.L.B.&M. Duchesne County, UT.

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DATE:	12-24-2012		V1
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET

D

Coordinate Report

Well Number	Feature Type	Latitude (NAD 83) (DMS)	Longitude (NAD 83) (DMS)
12-21-9-17	Surface Hole	40° 00' 55.15" N	110° 01' 12.27" W
T-20-9-17	Surface Hole	40° 00' 55.36" N	110° 01' 12.33" W
K-20-9-17	Surface Hole	40° 00' 55.56" N	110° 01' 12.38" W
T-20-9-17	Center of Pattern	40° 00' 46.48" N	110° 01' 18.60" W
K-20-9-17	Center of Pattern	40° 00' 59.59" N	110° 01' 18.51" W
T-20-9-17	Bottom of Hole	40° 00' 43.58" N	110° 01' 20.65" W
K-20-9-17	Bottom of Hole	40° 01' 00.80" N	110° 01' 20.35" W
Well Number	Feature Type	Latitude (NAD 83) (DD)	Longitude (NAD 83) (DD)
12-21-9-17	Surface Hole	40.015320	110.020075
T-20-9-17	Surface Hole	40.015377	110.020091
K-20-9-17	Surface Hole	40.015434	110.020106
T-20-9-17	Center of Pattern	40.012911	110.021834
K-20-9-17	Center of Pattern	40.016553	110.021809
T-20-9-17	Bottom of Hole	40.012105	110.022404
K-20-9-17	Bottom of Hole	40.016889	110.022321
Well Number	Feature Type	Northing (NAD 83) (UTM Meters)	Longitude (NAD 83) (UTM Meters)
12-21-9-17	Surface Hole	4429917.445	583628.150
T-20-9-17	Surface Hole	4429923.748	583626.725
K-20-9-17	Surface Hole	4429930.052	583625.300
T-20-9-17	Center of Pattern	4429648.377	583480.923
K-20-9-17	Center of Pattern	4430052.622	583478.668
T-20-9-17	Bottom of Hole	4429558.416	583433.291
K-20-9-17	Bottom of Hole	4430089.500	583434.550
Well Number	Feature Type	Latitude (NAD 27) (DMS)	Longitude (NAD 27) (DMS)
12-21-9-17	Surface Hole	40° 00' 55.28" N	110° 01' 09.73" W
T-20-9-17	Surface Hole	40° 00' 55.49" N	110° 01' 09.79" W
K-20-9-17	Surface Hole	40° 00' 55.69" N	110° 01' 09.84" W
T-20-9-17	Center of Pattern	40° 00' 46.61" N	110° 01' 16.06" W
K-20-9-17	Center of Pattern	40° 00' 59.72" N	110° 01' 15.97" W
T-20-9-17	Bottom of Hole	40° 00' 43.71" N	110° 01' 18.12" W
K-20-9-17	Bottom of Hole	40° 01' 00.93" N	110° 01' 17.82" W



**Tri State
Land Surveying, Inc.**

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

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F: (435) 781-2518

NEWFIELD EXPLORATION COMPANY

12-21-9-17 (Existing Well)

T-20-9-17 (Proposed Well)

K-20-9-17 (Proposed Well)

SEC. 21, T9S, R17E, S.L.B.&M. Duchesne County, UT.

DRAWN BY: A.P.C.

REVISED:

DATE: 12-24-2012

VERSION: V1

COORDINATE REPORT

SHEET

1

RECEIVED: June 21, 2013

Coordinate Report

[illegible]

P: (435) 781-2501
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NEWFIELD EXPLORATION COMPANY

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COORDINATE REPORT

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2

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NEWFIELD EXPLORATION

USGS Myton SW (UT)

SECTION 21 T9, R17

K-20-9-17

Wellbore #1

Plan: Design #1

Standard Planning Report

20 November, 2012





Payzone Directional Planning Report



Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well K-20-9-17
Company:	NEWFIELD EXPLORATION	TVD Reference:	K-20-9-17 @ 5370.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	MD Reference:	K-20-9-17 @ 5370.0ft (Original Well Elev)
Site:	SECTION 21 T9, R17	North Reference:	True
Well:	K-20-9-17	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Project	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	SECTION 21 T9, R17			
Site Position:		Northing:	7,178,734.51 ft	Latitude: 40° 1' 4.360 N
From:	Lat/Long	Easting:	2,059,079.72 ft	Longitude: 110° 0' 18.150 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence: 0.96 °

Well	K-20-9-17, SHL LAT: 40 00 55.56 LONG: -110 01 12.38			
Well Position	+N/-S	-890.8 ft	Northing:	7,177,774.07 ft
	+E/-W	-4,218.8 ft	Easting:	2,054,876.19 ft
Position Uncertainty		0.0 ft	Wellhead Elevation:	5,370.0 ft
			Ground Level:	5,358.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	11/20/2012	11.11	65.74	52,120

Design	Design #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	309.57

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,279.5	10.19	309.57	1,275.9	38.4	-46.5	1.50	1.50	-7.42	309.57	
4,484.2	10.19	309.57	4,430.0	399.6	-483.6	0.00	0.00	0.00	0.00	K-20-9-17 TGT
5,551.0	10.19	309.57	5,480.0	519.9	-629.1	0.00	0.00	0.00	0.00	



Payzone Directional

Planning Report



Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well K-20-9-17
Company:	NEWFIELD EXPLORATION	TVD Reference:	K-20-9-17 @ 5370.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	MD Reference:	K-20-9-17 @ 5370.0ft (Original Well Elev)
Site:	SECTION 21 T9, R17	North Reference:	True
Well:	K-20-9-17	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	1.50	309.57	700.0	0.8	-1.0	1.3	1.50	1.50	0.00
800.0	3.00	309.57	799.9	3.3	-4.0	5.2	1.50	1.50	0.00
900.0	4.50	309.57	899.7	7.5	-9.1	11.8	1.50	1.50	0.00
1,000.0	6.00	309.57	999.3	13.3	-16.1	20.9	1.50	1.50	0.00
1,100.0	7.50	309.57	1,098.6	20.8	-25.2	32.7	1.50	1.50	0.00
1,200.0	9.00	309.57	1,197.5	30.0	-36.3	47.0	1.50	1.50	0.00
1,279.5	10.19	309.57	1,275.9	38.4	-46.5	60.3	1.50	1.50	0.00
1,300.0	10.19	309.57	1,296.1	40.7	-49.3	63.9	0.00	0.00	0.00
1,400.0	10.19	309.57	1,394.5	52.0	-62.9	81.6	0.00	0.00	0.00
1,500.0	10.19	309.57	1,492.9	63.3	-76.5	99.3	0.00	0.00	0.00
1,600.0	10.19	309.57	1,591.4	74.5	-90.2	117.0	0.00	0.00	0.00
1,700.0	10.19	309.57	1,689.8	85.8	-103.8	134.7	0.00	0.00	0.00
1,800.0	10.19	309.57	1,788.2	97.1	-117.5	152.4	0.00	0.00	0.00
1,900.0	10.19	309.57	1,886.6	108.3	-131.1	170.1	0.00	0.00	0.00
2,000.0	10.19	309.57	1,985.1	119.6	-144.7	187.8	0.00	0.00	0.00
2,100.0	10.19	309.57	2,083.5	130.9	-158.4	205.5	0.00	0.00	0.00
2,200.0	10.19	309.57	2,181.9	142.2	-172.0	223.2	0.00	0.00	0.00
2,300.0	10.19	309.57	2,280.3	153.4	-185.7	240.9	0.00	0.00	0.00
2,400.0	10.19	309.57	2,378.7	164.7	-199.3	258.6	0.00	0.00	0.00
2,500.0	10.19	309.57	2,477.2	176.0	-213.0	276.3	0.00	0.00	0.00
2,600.0	10.19	309.57	2,575.6	187.3	-226.6	294.0	0.00	0.00	0.00
2,700.0	10.19	309.57	2,674.0	198.5	-240.2	311.6	0.00	0.00	0.00
2,800.0	10.19	309.57	2,772.4	209.8	-253.9	329.3	0.00	0.00	0.00
2,900.0	10.19	309.57	2,870.8	221.1	-267.5	347.0	0.00	0.00	0.00
3,000.0	10.19	309.57	2,969.3	232.3	-281.2	364.7	0.00	0.00	0.00
3,100.0	10.19	309.57	3,067.7	243.6	-294.8	382.4	0.00	0.00	0.00
3,200.0	10.19	309.57	3,166.1	254.9	-308.4	400.1	0.00	0.00	0.00
3,300.0	10.19	309.57	3,264.5	266.2	-322.1	417.8	0.00	0.00	0.00
3,400.0	10.19	309.57	3,363.0	277.4	-335.7	435.5	0.00	0.00	0.00
3,500.0	10.19	309.57	3,461.4	288.7	-349.4	453.2	0.00	0.00	0.00
3,600.0	10.19	309.57	3,559.8	300.0	-363.0	470.9	0.00	0.00	0.00
3,700.0	10.19	309.57	3,658.2	311.3	-376.6	488.6	0.00	0.00	0.00
3,800.0	10.19	309.57	3,756.6	322.5	-390.3	506.3	0.00	0.00	0.00
3,900.0	10.19	309.57	3,855.1	333.8	-403.9	524.0	0.00	0.00	0.00
4,000.0	10.19	309.57	3,953.5	345.1	-417.6	541.7	0.00	0.00	0.00
4,100.0	10.19	309.57	4,051.9	356.3	-431.2	559.4	0.00	0.00	0.00
4,200.0	10.19	309.57	4,150.3	367.6	-444.8	577.1	0.00	0.00	0.00
4,300.0	10.19	309.57	4,248.8	378.9	-458.5	594.8	0.00	0.00	0.00
4,400.0	10.19	309.57	4,347.2	390.2	-472.1	612.5	0.00	0.00	0.00
4,484.2	10.19	309.57	4,430.0	399.6	-483.6	627.4	0.00	0.00	0.00
4,500.0	10.19	309.57	4,445.6	401.4	-485.8	630.2	0.00	0.00	0.00
4,600.0	10.19	309.57	4,544.0	412.7	-499.4	647.9	0.00	0.00	0.00
4,700.0	10.19	309.57	4,642.4	424.0	-513.0	665.6	0.00	0.00	0.00
4,800.0	10.19	309.57	4,740.9	435.3	-526.7	683.3	0.00	0.00	0.00
4,900.0	10.19	309.57	4,839.3	446.5	-540.3	701.0	0.00	0.00	0.00
5,000.0	10.19	309.57	4,937.7	457.8	-554.0	718.7	0.00	0.00	0.00
5,100.0	10.19	309.57	5,036.1	469.1	-567.6	736.3	0.00	0.00	0.00



Payzone Directional

Planning Report



Database:	EDM 2003.21 Single User Db	Local Co-ordinate Reference:	Well K-20-9-17
Company:	NEWFIELD EXPLORATION	TVD Reference:	K-20-9-17 @ 5370.0ft (Original Well Elev)
Project:	USGS Myton SW (UT)	MD Reference:	K-20-9-17 @ 5370.0ft (Original Well Elev)
Site:	SECTION 21 T9, R17	North Reference:	True
Well:	K-20-9-17	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,200.0	10.19	309.57	5,134.5	480.3	-581.3	754.0	0.00	0.00	0.00
5,300.0	10.19	309.57	5,233.0	491.6	-594.9	771.7	0.00	0.00	0.00
5,400.0	10.19	309.57	5,331.4	502.9	-608.5	789.4	0.00	0.00	0.00
5,500.0	10.19	309.57	5,429.8	514.2	-622.2	807.1	0.00	0.00	0.00
5,551.0	10.19	309.57	5,480.0	519.9	-629.1	816.2	0.00	0.00	0.00

API Well Number: 43013522630000

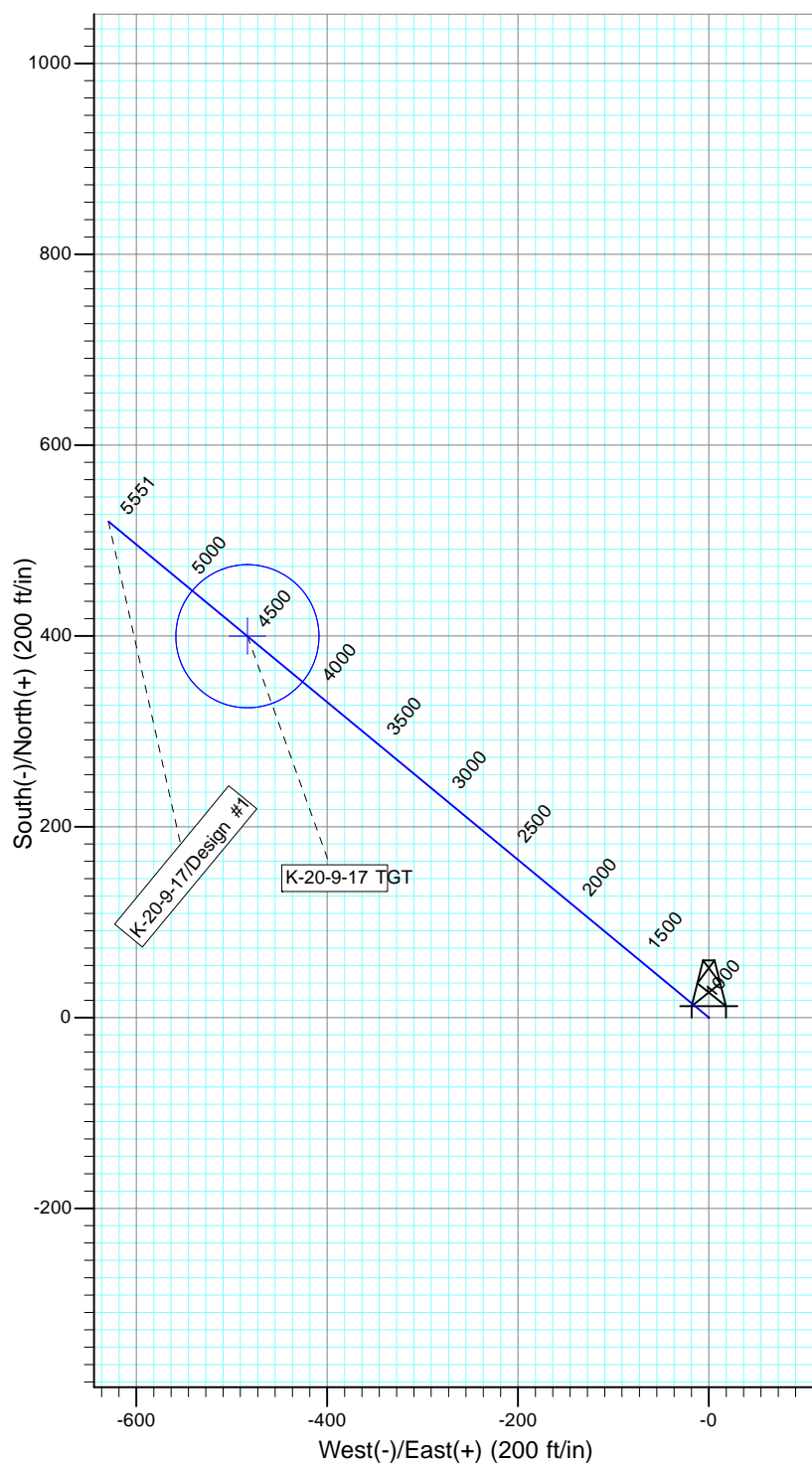
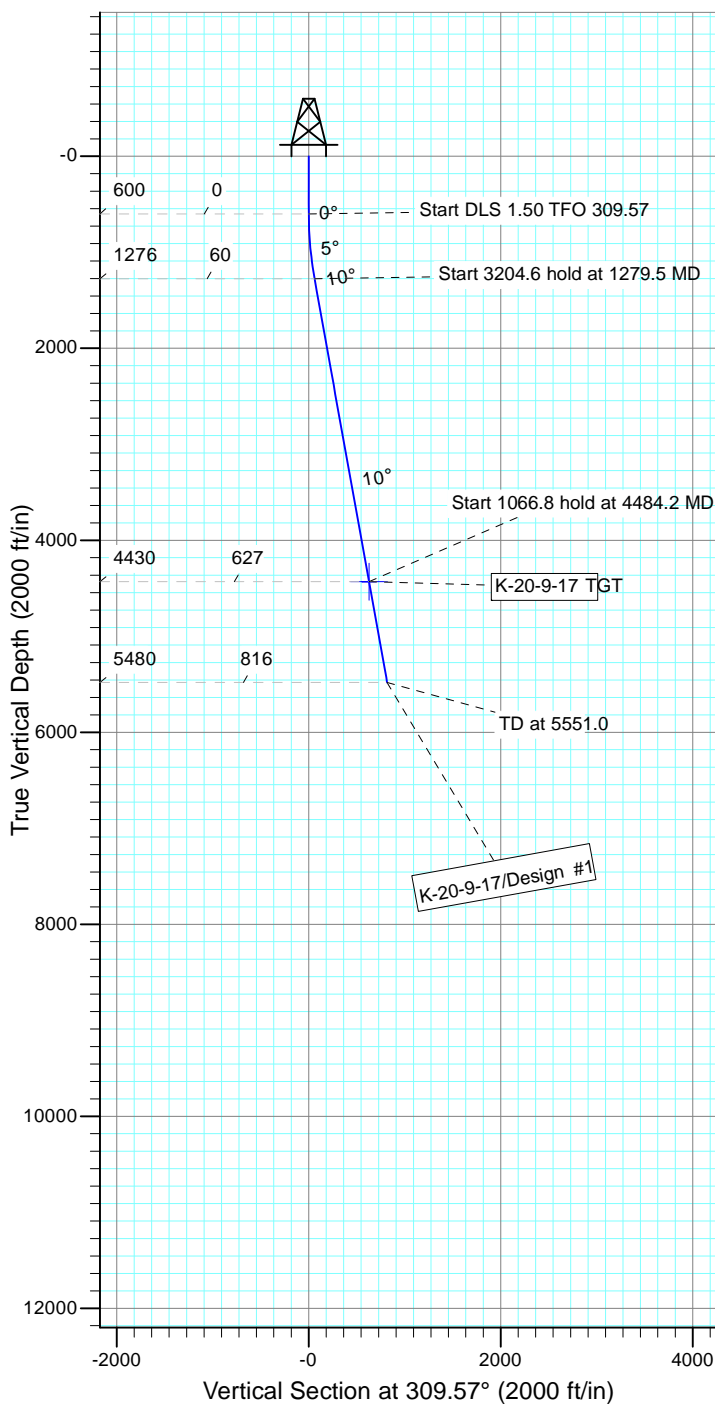


Project: USGS Myton SW (UT)
 Site: SECTION 21 T9, R17
 Well: K-20-9-17
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to True North
 Magnetic North: 11.11°

Magnetic Field
 Strength: 52119.9snT
 Dip Angle: 65.74°
 Date: 11/20/2012
 Model: IGRF2010



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
K-20-9-17 TGT	4430.0	399.6	-483.6	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1279.5	10.19	309.57	1275.9	38.4	-46.5	1.50	309.57	60.3	
4	4484.2	10.19	309.57	4430.0	399.6	-483.6	0.00	0.00	627.4	K-20-9-17 TGT
5	5551.0	10.19	309.57	5480.0	519.9	-629.1	0.00	0.00	816.2	



**NEWFIELD PRODUCTION COMPANY
GMBU K-20-9-17
AT SURFACE: NW/SW SECTION 21, T9S R17E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site GMBU K-20-9-17 located in the NW 1/4 SW 1/4 Section 21, T9S R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 – 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed in a southeasterly direction – 11.3 miles \pm to it's junction with an existing road to the southwest; proceed in a southwesterly direction – 2.9 miles \pm to it's junction with an existing road road to the southwest; proceed in a southwesterly direction 0.3 miles \pm to the existing 12-21-9-17 well location.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal. Any necessary fill material for repair will be purchase and hauled from private sources.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionaly off of the existing 12-21-9-17 well pad. See attached **Topographic Map "B"**.

There will be **no** culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Newfield Production will transport water by truck from nearest water source as determined by a Newfield representative for the purpose of drilling the above mentioned well. The available water sources are as follows:

Johnson Water District
Water Right : 43-10136

Maurice Harvey Pond
Water Right: 47-1358

Neil Moon Pond
Water Right: 43-11787

Newfield Collector Well
Water Right: 47-1817 (A30414DVA, contracted with the Duchesne County Conservancy District).

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

8. **ANCILLARY FACILITIES**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Existing fences to be crossed by the access road will be braced and tied off before cutting so as to prevent slacking in the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM specifications.

10. PLANS FOR RESTORATION OF SURFACE:

- a) Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

- b) Dry Hole Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP – Bureau of Land Management.

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report # 13-066 4/26/13, prepared by Montgomery Archaeological Consultants. .

Paleontological Resource Survey prepared by, SWCA Environmental Consultants, Report No. UT13-14273-39, May 7, 2013. See attached report cover pages, Exhibit "D".

Newfield Production Company requests 214' of buried water line be granted.

It is proposed that the disturbed area will be 30' wide to allow for construction of a proposed buried 10" steel water injection line, a buried 3" poly water return line, and a 14" surface flow line. It is proposed that the buried water lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** The proposed water pipelines will be buried in a 4-5' deep trench constructed with a trencher or backhoe for the length of the proposal. The equipment will run on the surface and not be flat bladed to minimize surface impacts to precious topsoil in these High Desert environments. The construction phase of the proposed water lines will last approximately (5) days.

In the event that the proposed well is converted to a water injection well, a Sundry Notice 3160-5 form will be applied for through the Bureau of Land Management field office.

For a ROW plan of development, please refer to the Greater Monument Butte Green River Development SOP and as well as the Castle Peak and Eight Mile Flat Reclamation and Weed Management Plan

Water Disposal

After first production, if the production water meets quality guidelines, it will be transported to the Ashley, Monument Butte, Jonah, South Wells Draw and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project. Water not meeting quality criteria, will be disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), Federally approved surface disposal facilities or at a State of Utah approved surface disposal facilities.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Details of the On-Site Inspection

An on-site for the proposed GMBU K-20-9-17 will need to be scheduled with Sheri Wysong (Bureau of Land Management).

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the GMBU K-20-9-17, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the GMBU K-20-9-17, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

13. **LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:**
Representative

Name: Corie Miller

Address: Newfield Production Company
Route 3, Box 3630
Myton, UT 84052

Telephone: (435) 646-3721

Certification

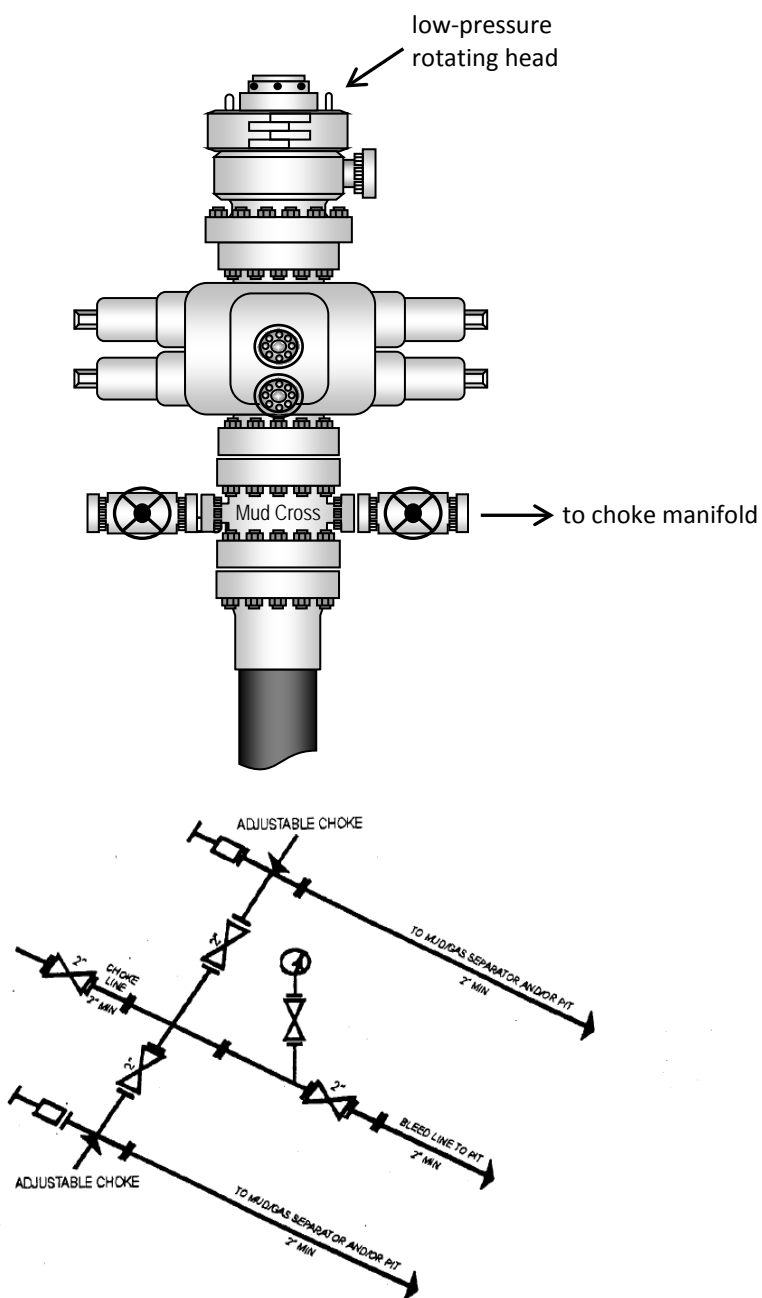
Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #K-20-9-17, Section 21, Township 9S, Range 17E: Lease UTU-13905 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

6/20/13
Date

Mandie Crozier
Regulatory Analyst
Newfield Production Company

Typical 2M BOP stack configuration



2M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

NEWFIELD EXPLORATION COMPANY

1/4 Section Line

WELL PAD INTERFERENCE PLAT**12-21-9-17 (Existing Well)****T-20-9-17 (Proposed Well)****K-20-9-17 (Proposed Well)***Pad Location: NWSW Section 21, T9S, R17E, S.L.B.&M.***TOP HOLE FOOTAGES**T-20-9-17
2252' FSL & 247' FWLK-20-9-17
2272' FSL & 242' FWL**CENTER OF
PATTERN FOOTAGES**T-20-9-17
1354' FSL & 243' FELK-20-9-17
2607' FNL & 234' FEL**LATITUDE & LONGITUDE**
Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
12-21-9-17	40° 00' 55.15"	110° 01' 12.27"
T-20-9-17	40° 00' 55.36"	110° 01' 12.33"
K-20-9-17	40° 00' 55.56"	110° 01' 12.38"

RELATIVE COORDINATES
From Top Hole to C.O.P.

WELL	NORTH	EAST
T-20-9-17	-907'	-474'
K-20-9-17	400'	-484'

RELATIVE COORDINATES
From Top Hole to Bottom Hole

WELL	NORTH	EAST
T-20-9-17	-1203'	-628'
K-20-9-17	520'	-629'

LATITUDE & LONGITUDE
Center of Pattern (NAD 83)

WELL	LATITUDE	LONGITUDE
T-20-9-17	40° 00' 46.48"	110° 01' 18.60"
K-20-9-17	40° 00' 59.59"	110° 01' 18.51"

LATITUDE & LONGITUDE
Bottom Hole Position (NAD 83)

WELL	LATITUDE	LONGITUDE
T-20-9-17	40° 00' 43.58"	110° 01' 20.65"
K-20-9-17	40° 01' 00.80"	110° 01' 20.35"

BOTTOM HOLE FOOTAGEST-20-9-17
1061' FSL & 403' FELK-20-9-17
2484' FNL & 377' FEL**Note:**Bearings are based
on GPS Observations.

SURVEYED BY: W.H.	DATE SURVEYED: 11-28-12	VERSION:
DRAWN BY: V.H.	DATE DRAWN: 12-20-12	V1
SCALE: 1" = 60'	REVISED:	

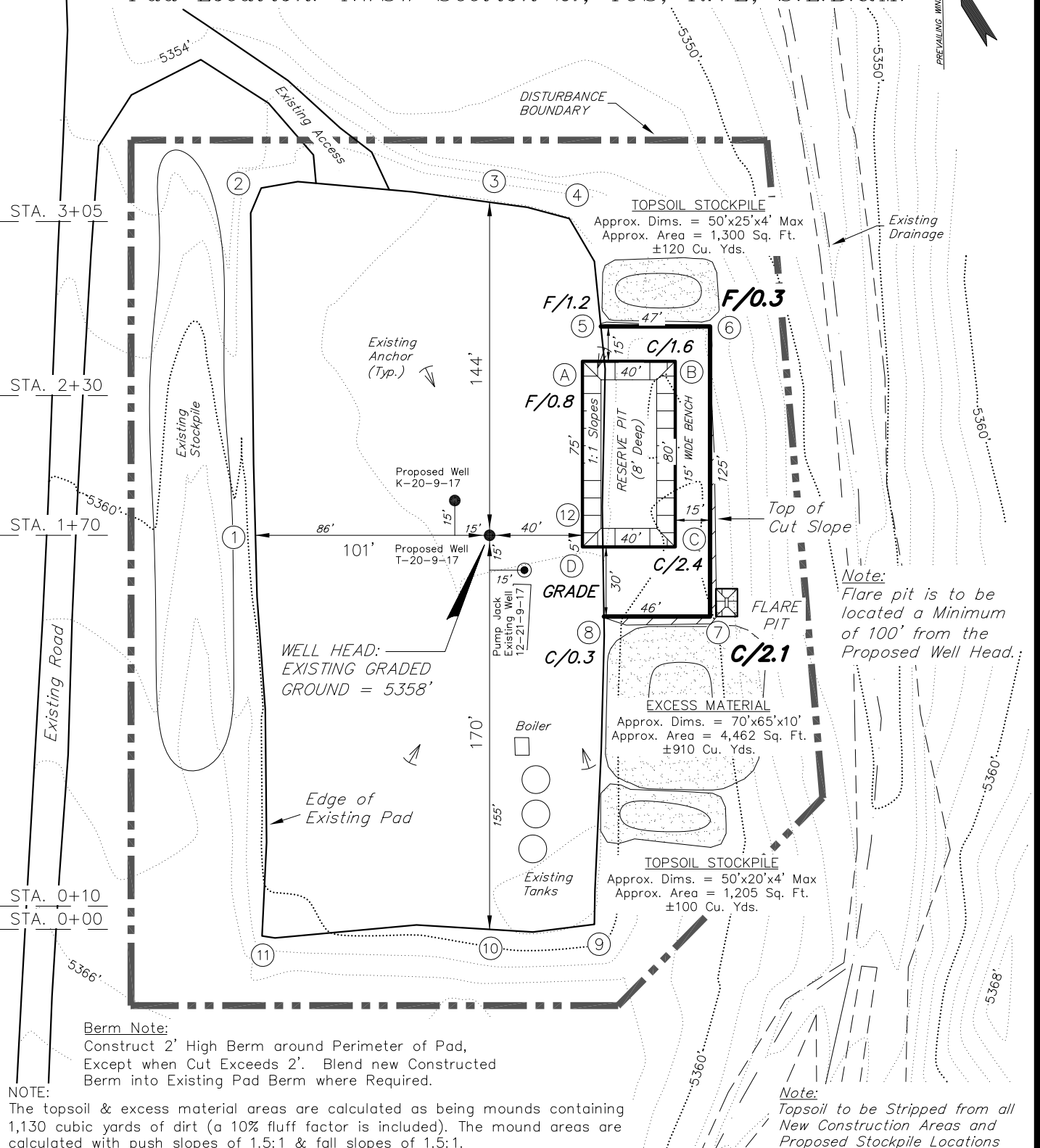
Tri State

(435) 781-2501

Land Surveying, Inc.

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

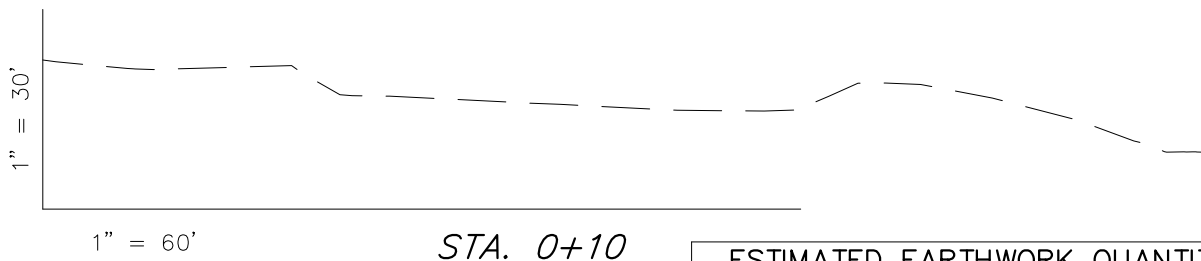
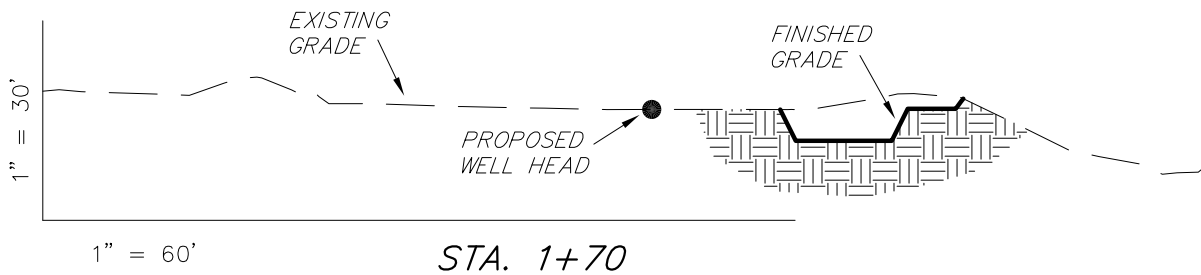
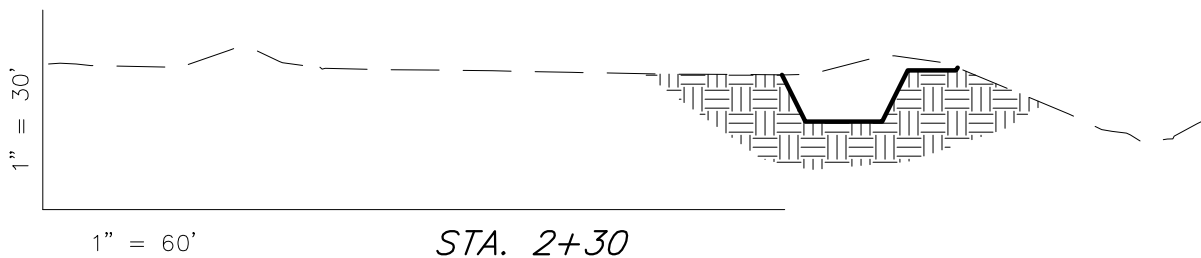
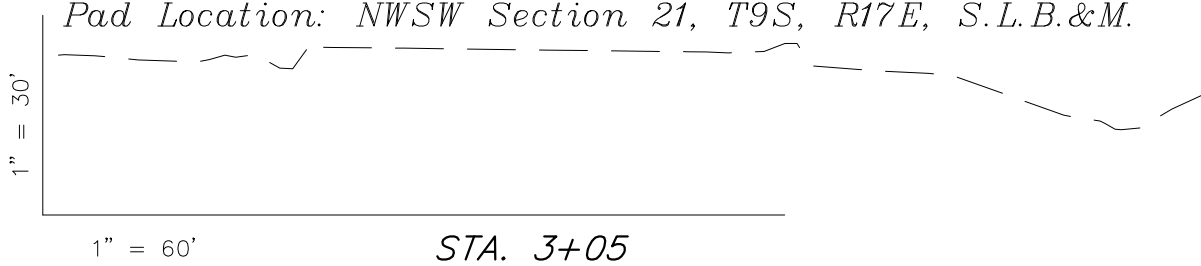
RECEIVED: June 21, 2013

NEWFIELD EXPLORATION COMPANY**LOCATION LAYOUT****12-21-9-17 (Existing Well)****T-20-9-17 (Proposed Well)****K-20-9-17 (Proposed Well)****Pad Location: NWSW Section 21, T9S, R17E, S.L.B.&M.**Valve
Can □

SURVEYED BY: W.H.	DATE SURVEYED: 11-28-12	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 12-20-12	V1
SCALE: 1" = 60'	REVISED:	

Tri State (435) 781-2501
Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

RECEIVED: June 21, 2013

NEWFIELD EXPLORATION COMPANY***CROSS SECTIONS******12-21-9-17 (Existing Well)******T-20-9-17 (Proposed Well)******K-20-9-17 (Proposed Well)****Pad Location: NWSW Section 21, T9S, R17E, S.L.B.&M.*

NOTE:
UNLESS OTHERWISE
NOTED ALL CUT/FILL
SLOPES ARE AT 1.5:1

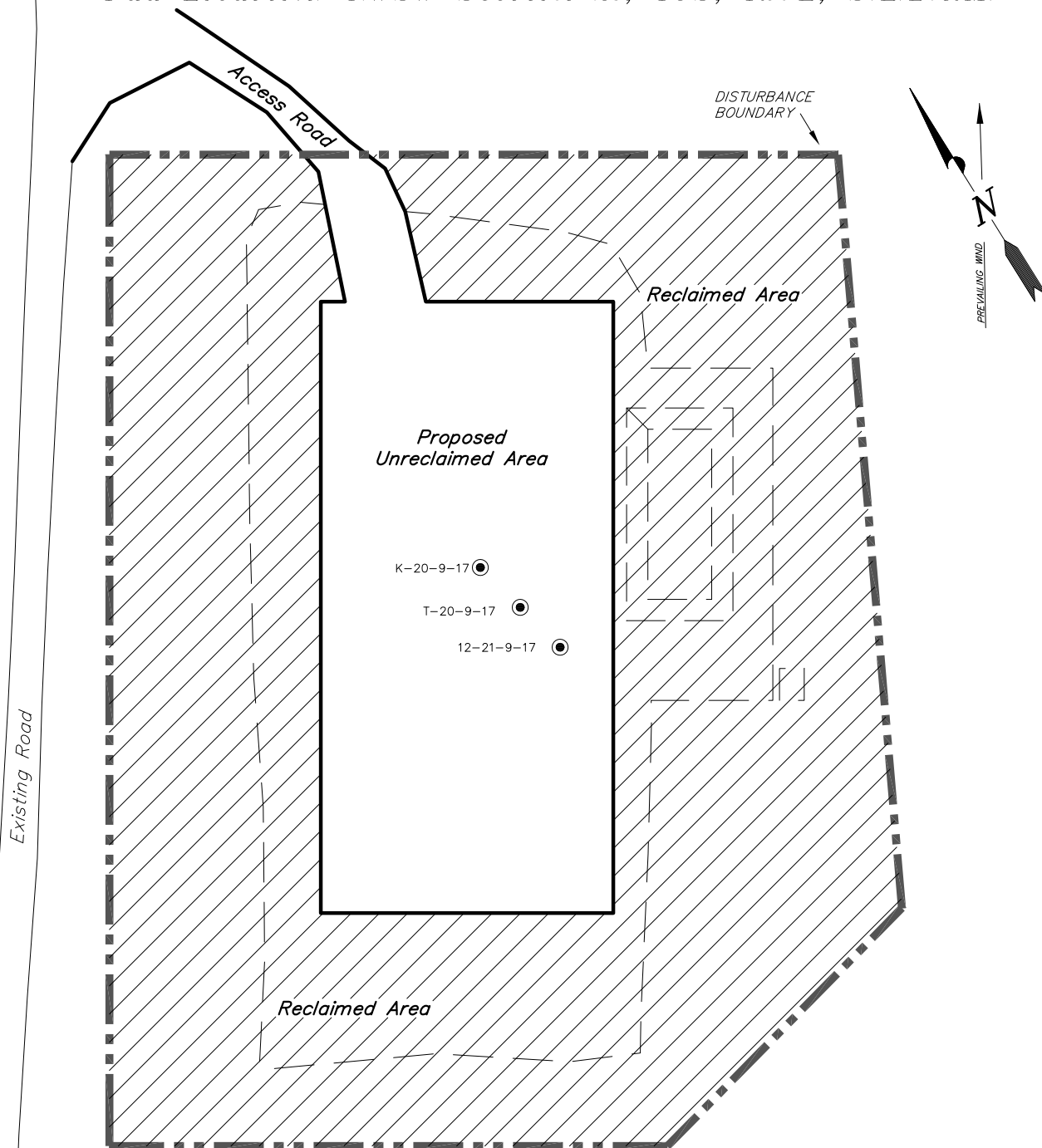
ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	170	30	Topsoil is not included in Pad Cut	140
PIT	690	0		690
TOTALS	860	30	200	830

SURVEYED BY: W.H.	DATE SURVEYED: 11-28-12	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 12-20-12	V1
SCALE: 1" = 60'	REVISED:	

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

RECEIVED: June 21, 2013

NEWFIELD EXPLORATION COMPANY***RECLAMATION LAYOUT******12-21-9-17 (Existing Well)******T-20-9-17 (Proposed Well)******K-20-9-17 (Proposed Well)******Pad Location: NWSW Section 21, T9S, R17E, S.L.B.&M.*****Notes:**

1. Reclaimed Area to Include Seeding of Approved Vegetation and Sufficient Storm Water Management System.
2. Actual Equipment Layout and Reclaimed Pad Surface Area May Change due to Production Requirements or Site Conditions.

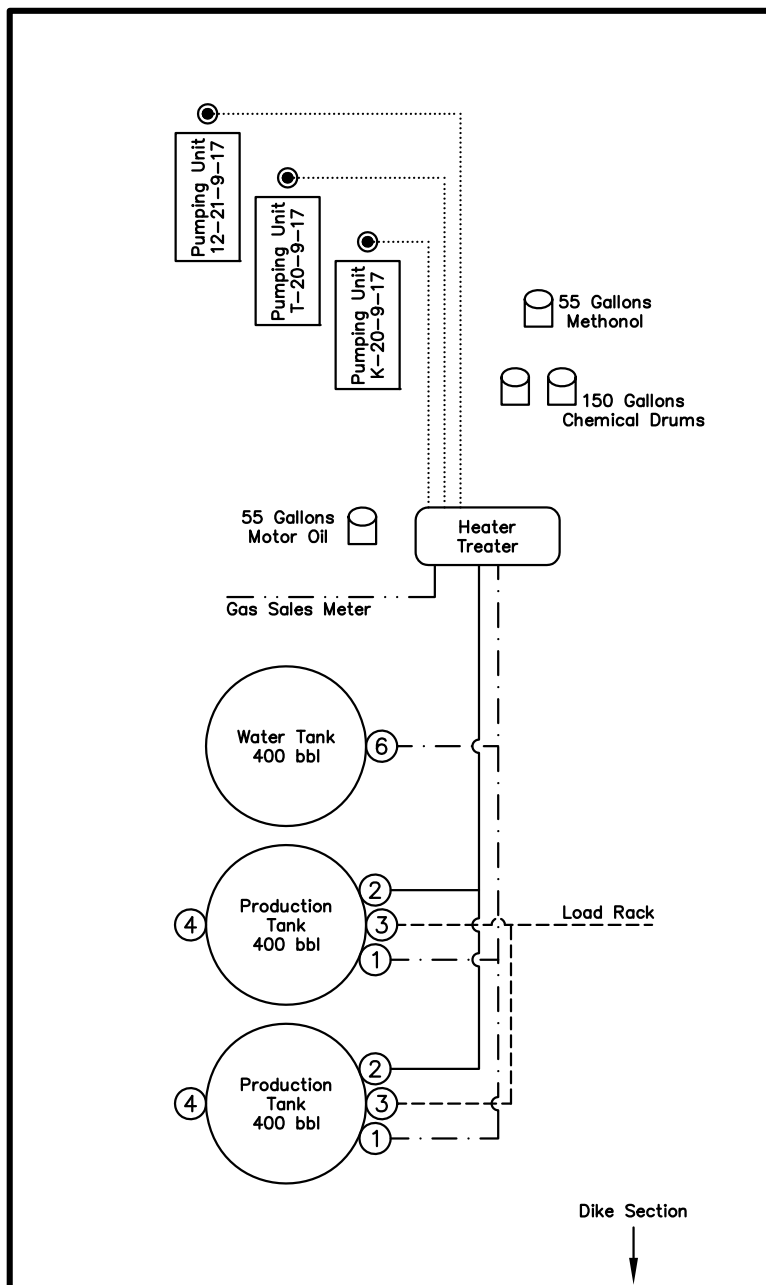
DISTURBED AREA:

TOTAL DISTURBED AREA = 2.38 ACRES
 TOTAL RECLAIMED AREA = 1.76 ACRES
 UNRECLAIMED AREA = 0.62 ACRES

SURVEYED BY: W.H.	DATE SURVEYED: 11-28-12	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 12-20-12	V1
SCALE: 1" = 60'	REVISED:	

Tri State (435) 781-2501
Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

RECEIVED: June 21, 2013

NEWFIELD EXPLORATION COMPANY**PROPOSED SITE FACILITY DIAGRAM****12-21-9-17 (Existing Well) UTU-13905****T-20-9-17 (Proposed Well) UTU-13905****K-20-9-17 (Proposed Well) UTU-13905***Pad Location: NWSW Section 21, T9S, R17E, S.L.B.&M.
Duchesne County, Utah***Legend**

Emulsion Line
 Load Rack - - - - -
 Water Line - . - . -
 Gas Sales - -
 Oil Line - - - - -

NOT TO SCALE

SURVEYED BY: W.H.	DATE SURVEYED: 11-28-12	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 12-20-12	V1
SCALE: NONE	REVISED:	

Tri State (435) 781-2501
Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

RECEIVED: June 21, 2013

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
440 West 200 South, Suite 500
Salt Lake City, UT 84101

IN REPLY REFER TO:

3160

(UT-922)

June 24, 2013

Memorandum

To: Assistant Field Office Manager Minerals,
Vernal Field Office

From: Michael Coulthard, Petroleum Engineer

Subject: 2013 Plan of Development Greater Monument
Butte Unit, Duchesne and Uintah Counties,
Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2013 within the Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER)		
43-013-52252	GMBU 3-26-9-15	Sec 26 T09S R15E 0576 FNL 0507 FWL
	BHL	Sec 26 T09S R15E 0647 FNL 1972 FWL
43-013-52253	GMBU N-28-8-17	Sec 28 T08S R17E 1722 FSL 1903 FWL
	BHL	Sec 28 T08S R17E 2486 FNL 1030 FWL
43-013-52254	GMBU Q-28-8-17	Sec 28 T08S R17E 1704 FSL 1892 FWL
	BHL	Sec 28 T08S R17E 1287 FSL 1141 FWL
43-013-52255	GMBU G-21-9-17	Sec 21 T09S R17E 0770 FNL 1971 FWL
	BHL	Sec 21 T09S R17E 1401 FNL 1112 FWL
43-013-52256	GMBU H-21-9-17	Sec 21 T09S R17E 0752 FNL 1983 FWL
	BHL	Sec 21 T09S R17E 1442 FNL 2240 FEL
43-013-52257	GMBU G-26-9-15	Sec 26 T09S R15E 2091 FNL 0813 FWL
	BHL	Sec 26 T09S R15E 1084 FNL 1422 FWL
43-013-52258	GMBU J-27-9-15	Sec 26 T09S R15E 2105 FNL 0797 FWL
	BHL	Sec 27 T09S R15E 0712 FNL 0214 FEL
43-013-52259	GMBU H-20-9-17	Sec 20 T09S R17E 1934 FNL 2002 FWL
	BHL	Sec 20 T09S R17E 1039 FNL 2456 FEL

RECEIVED: June 25, 2013

API #	WELL NAME	LOCATION
(Proposed PZ GREEN RIVER)		
43-013-52260	GMBU G-20-9-17	Sec 20 T09S R17E 1953 FNL 1991 FWL
	BHL	Sec 20 T09S R17E 1103 FNL 1222 FWL
43-013-52261	GMBU B-26-9-15	Sec 23 T09S R15E 0574 FSL 0560 FEL
	BHL	Sec 26 T09S R15E 0095 FNL 1524 FEL
43-013-52262	GMBU S-23-9-15	Sec 23 T09S R15E 0595 FSL 0560 FEL
	BHL	Sec 23 T09S R15E 1468 FSL 1596 FEL
43-013-52263	GMBU K-20-9-17	Sec 21 T09S R17E 2272 FSL 0242 FWL
	BHL	Sec 20 T09S R17E 2484 FNL 0377 FEL
43-013-52264	GMBU T-20-9-17	Sec 21 T09S R17E 2252 FSL 0247 FWL
	BHL	Sec 20 T09S R17E 1061 FSL 0403 FEL

This office has no objection to permitting the wells at this time.

Michael L. Coulthard

Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management,
ou=Branch of Minerals, email=Michael_Coulthard@blm.gov, c=US
Date: 2013.06.24 14:29:09 -06'00'

bcc: File - Greater Monument Butte Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

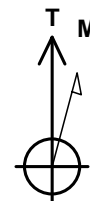
MCoulthard:mc:6-24-13

RECEIVED: June 25, 2013

API Well Number: 43013522630000

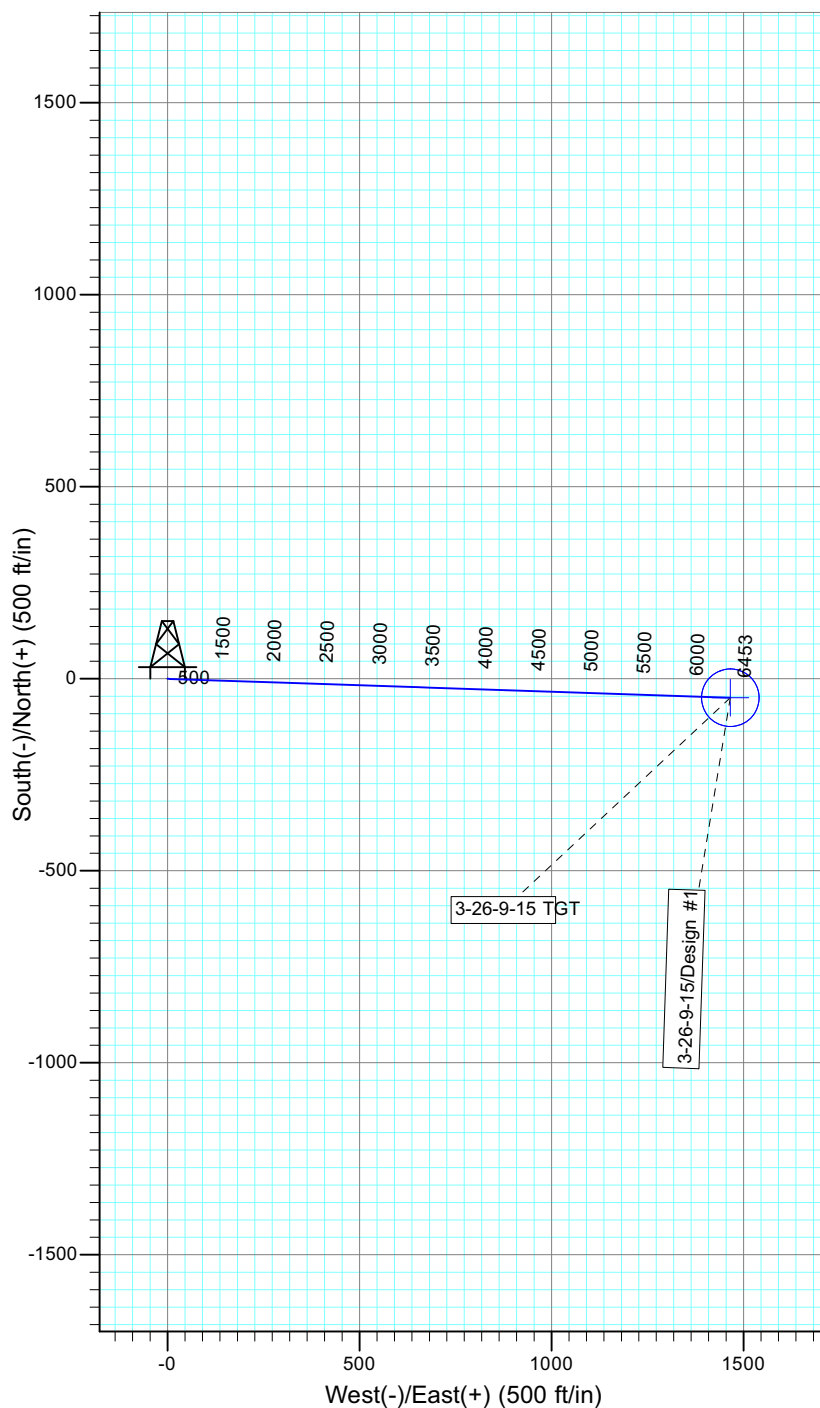
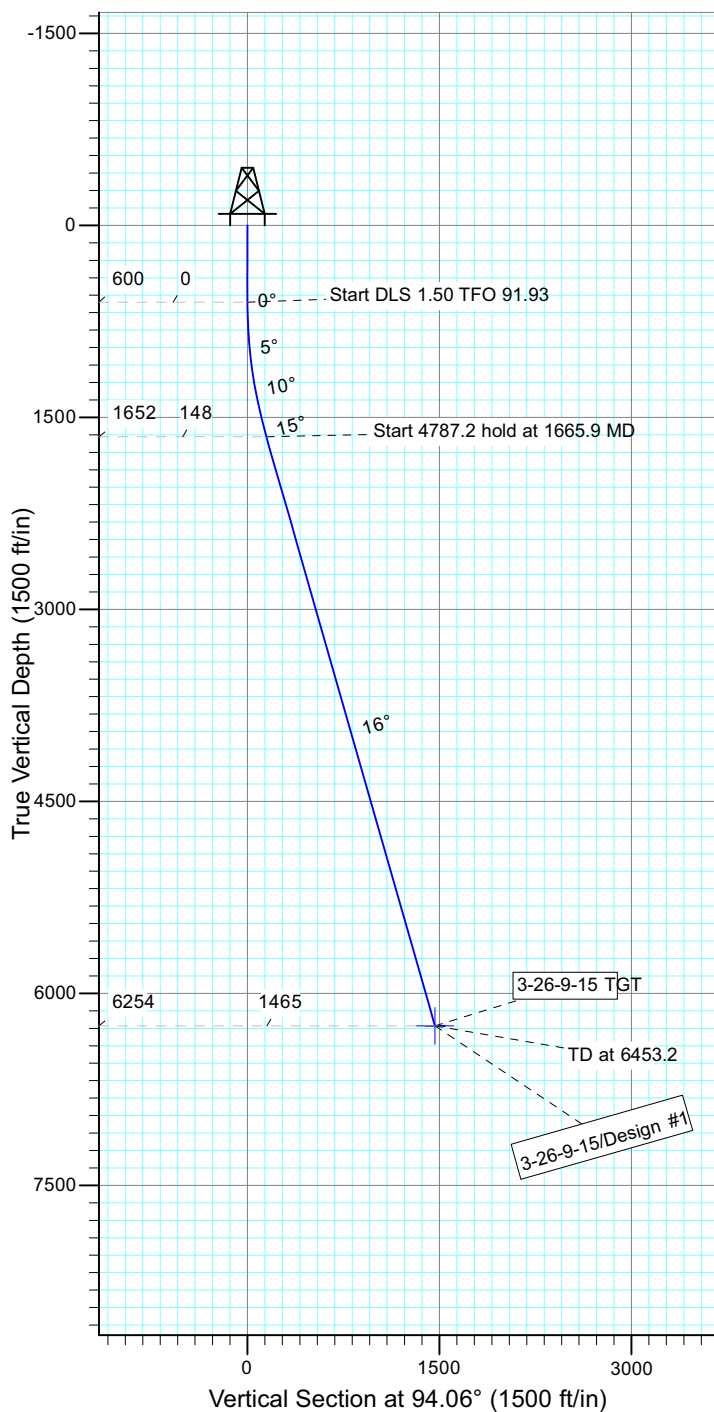


Project: USGS Myton SW (UT)
 Site: SECTION 26 T9S, 15E
 Well: 3-26-9-15
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to True North
 Magnetic North: 11.16°

Magnetic Field
 Strength: 52063.8snT
 Dip Angle: 65.70°
 Date: 1/23/2013
 Model: IGRF2010



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
3-26-9-15 TGT	6254.2	-49.4	1465.6	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1665.9	15.99	91.93	1652.2	-5.0	147.7	1.50	91.93	147.7	
4	6453.2	15.99	91.93	6254.2	-49.4	1465.6	0.00	0.00	1465.4	3-26-9-15 TGT



Received: June 18, 2013

API Well Number: 43013522630000

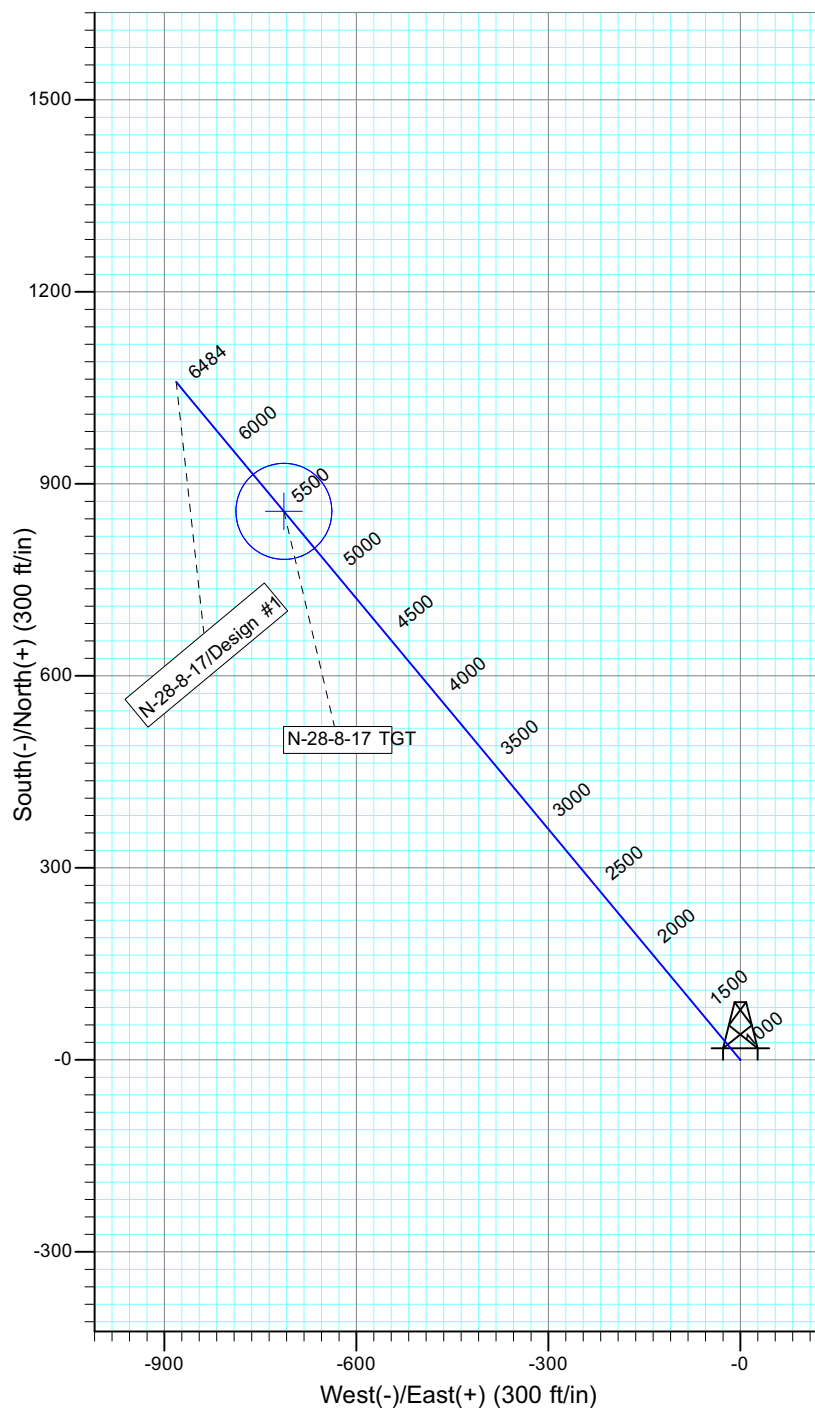
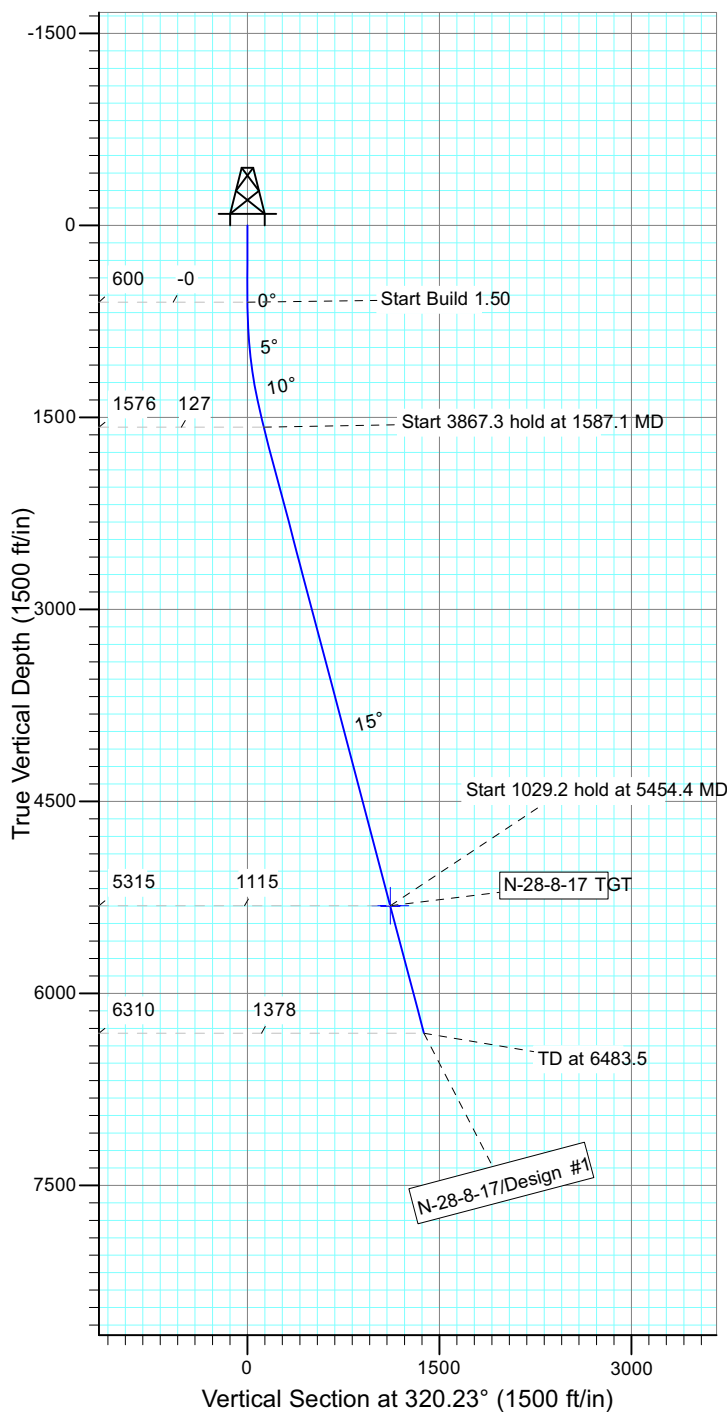


Project: USGS Myton SW (UT)
 Site: SECTION 28 T8S, R17E
 Well: N-28-8-17
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to True North
 Magnetic North: 11.05°

Magnetic Field
 Strength: 52113.4snT
 Dip Angle: 65.79°
 Date: 5/15/2013
 Model: IGRF2010



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
N-28-8-17 TGT	5315.0	857.1	-713.4	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1587.1	14.81	320.23	1576.2	97.5	-81.1	1.50	320.23	126.8	
4	5454.4	14.81	320.23	5315.0	857.1	-713.4	0.00	0.00	1115.1	N-28-8-17 TGT
5	6483.5	14.81	320.23	6310.0	1059.3	-881.6	0.00	0.00	1378.2	



Received: June 20, 2013

API Well Number: 43013522630000

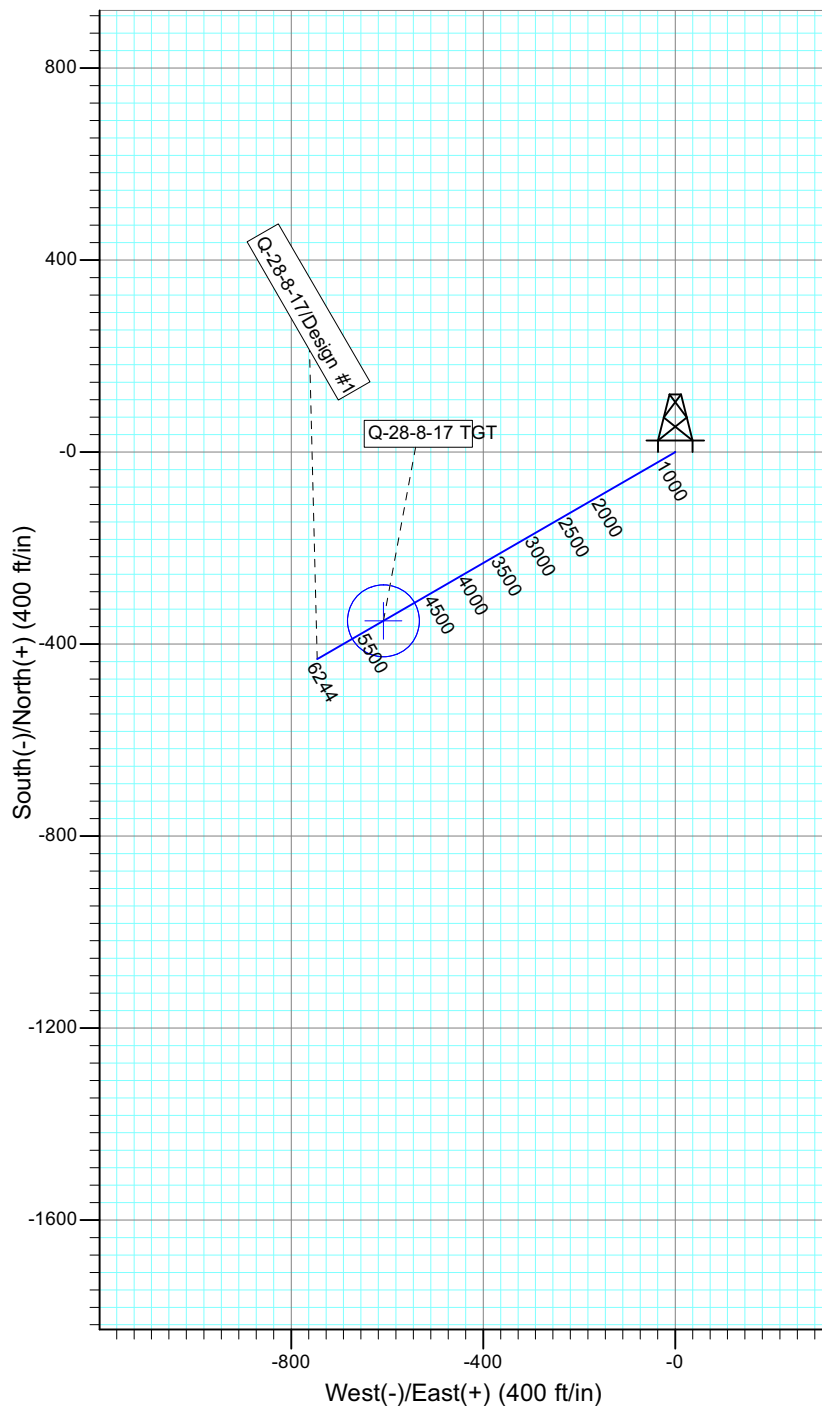
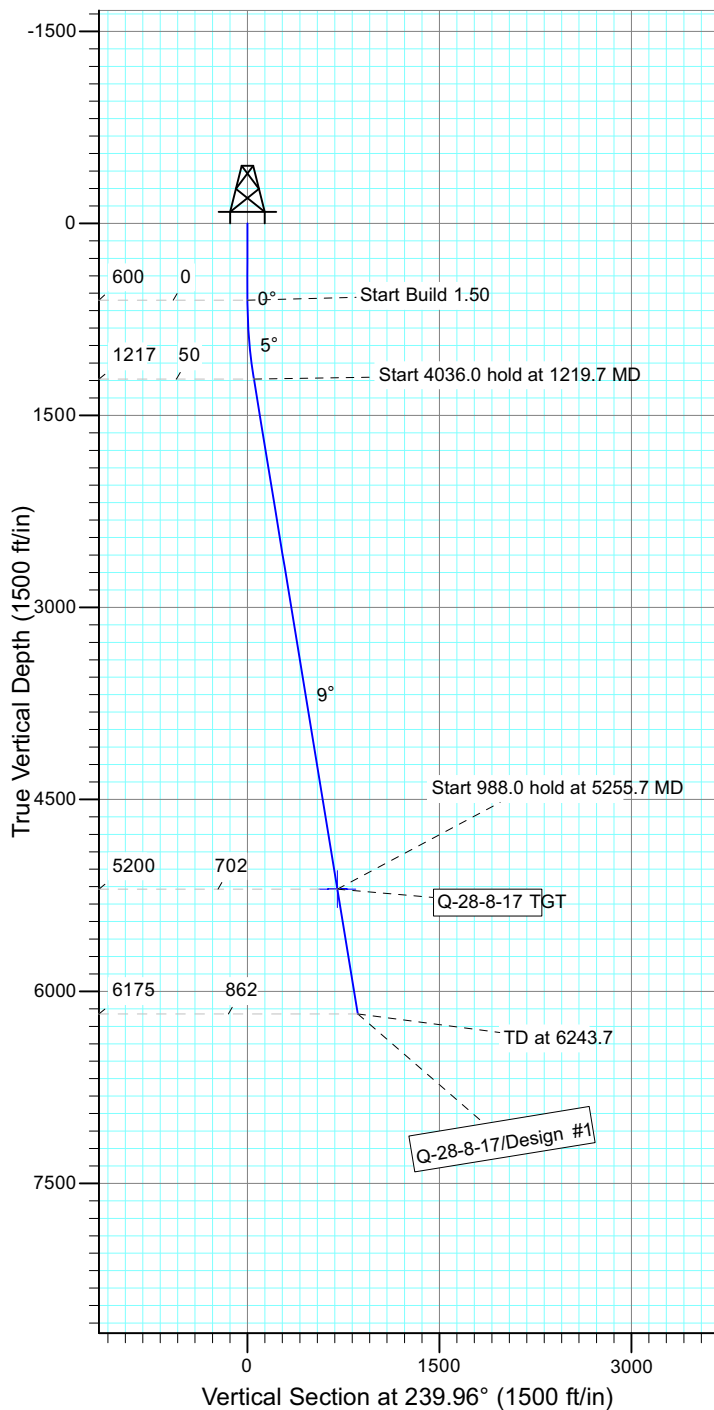


Project: USGS Myton SW (UT)
 Site: SECTION 28 T8S, R17E
 Well: Q-28-8-17
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to True North
 Magnetic North: 11.05°

Magnetic Field
 Strength: 52113.4snT
 Dip Angle: 65.79°
 Date: 5/15/2013
 Model: IGRF2010



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
Q-28-8-17 TGT	5200.0	-351.5	-607.8	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1219.7	9.30	239.96	1219.7	-25.1	-43.4	1.50	239.96	50.2	
4	5255.7	9.30	239.96	5200.0	-351.5	-607.8	0.00	0.00	702.1	Q-28-8-17 TGT
5	6243.7	9.30	239.96	6175.0	-431.4	-745.9	0.00	0.00	861.7	



Received: June 20, 2013

API Well Number: 43013522630000

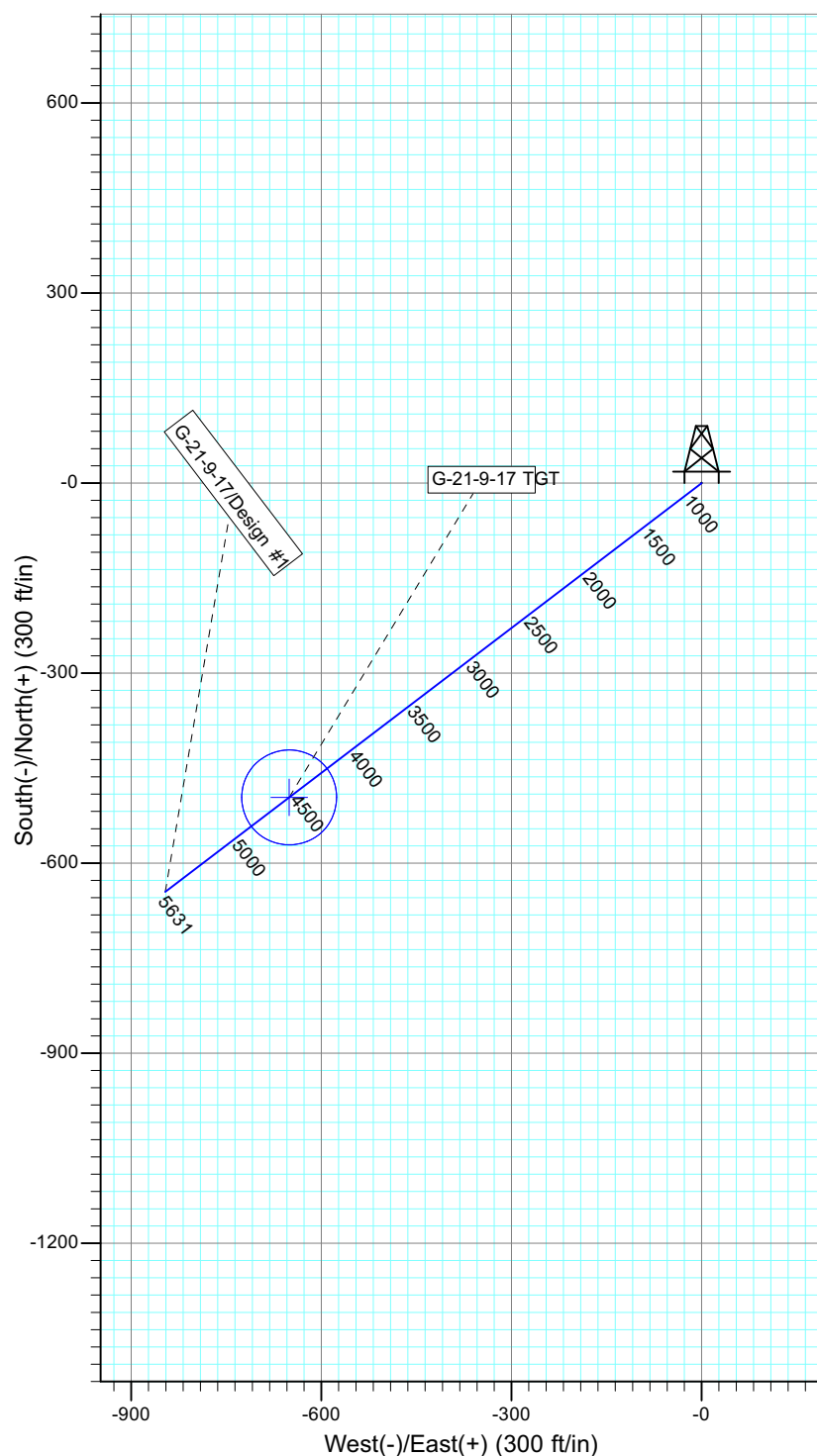
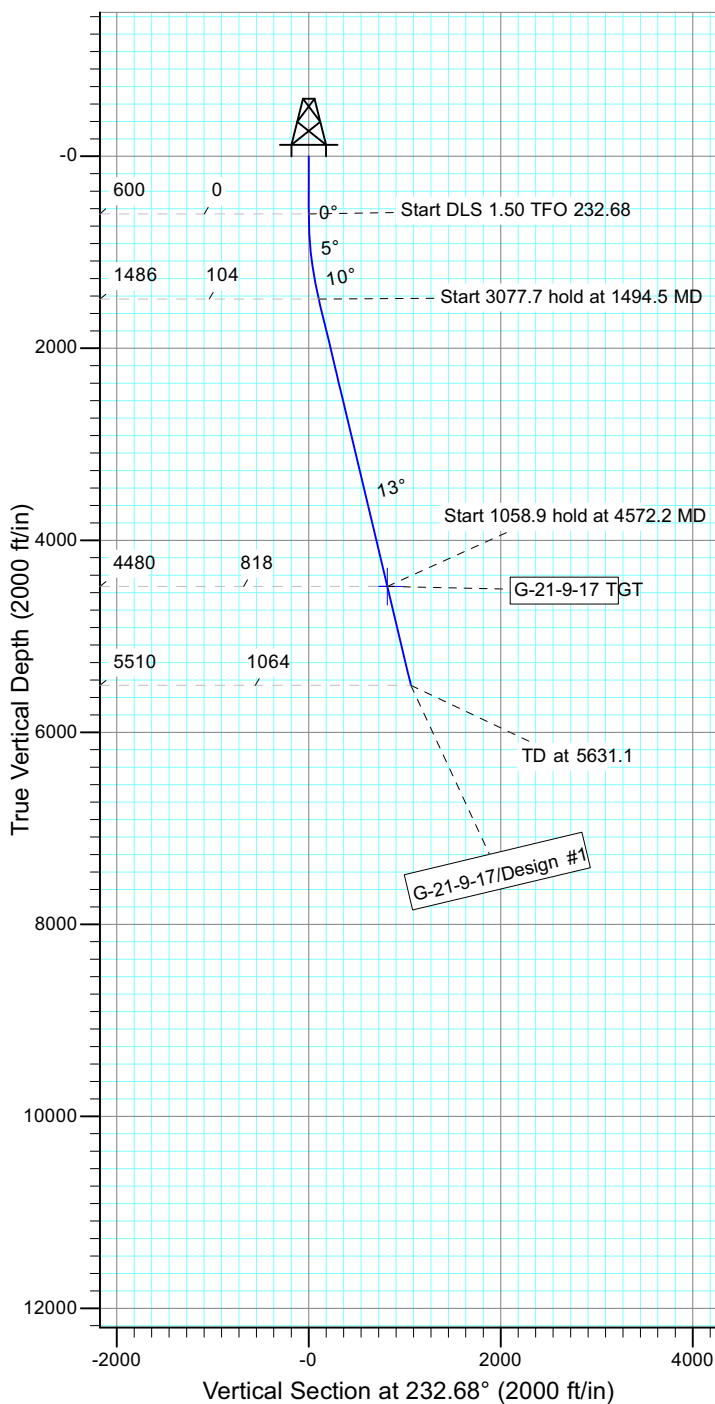


Project: USGS Myton SW (UT)
 Site: SECTION 21 T9, R17
 Well: G-21-9-17
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to True North
 Magnetic North: 11.11°

Magnetic Field
 Strength: 52124.4snT
 Dip Angle: 65.75°
 Date: 11/20/2012
 Model: IGRF2010



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
G-21-9-17 TGT	4480.0	-496.2	-650.9	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1494.5	13.42	232.68	1486.3	-63.2	-82.9	1.50	232.68	104.3	
4	4572.2	13.42	232.68	4480.0	-496.2	-650.9	0.00	0.00	818.4	G-21-9-17 TGT
5	5631.1	13.42	232.68	5510.0	-645.1	-846.3	0.00	0.00	1064.1	



Received: June 20, 2013

API Well Number: 43013522630000

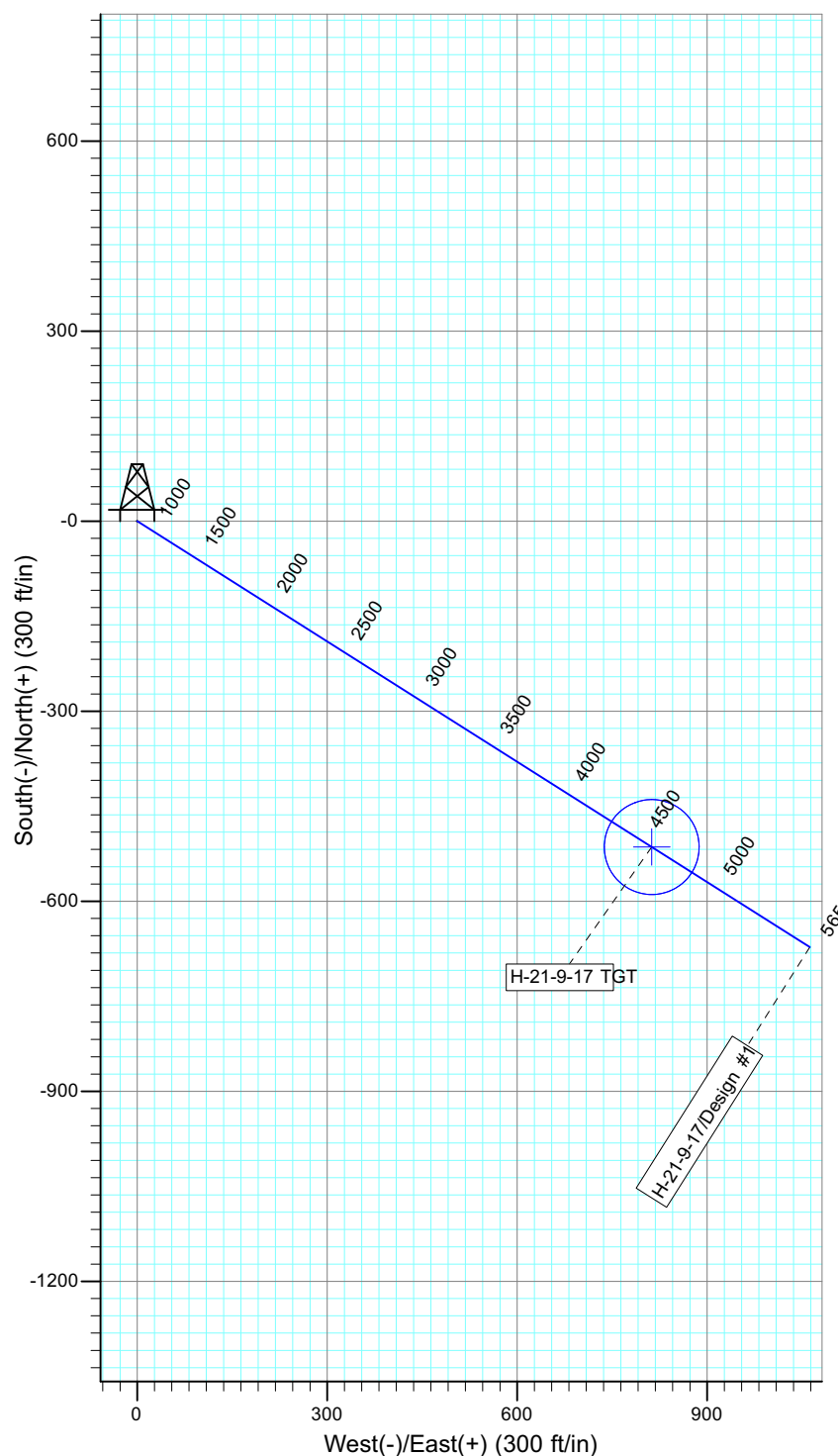
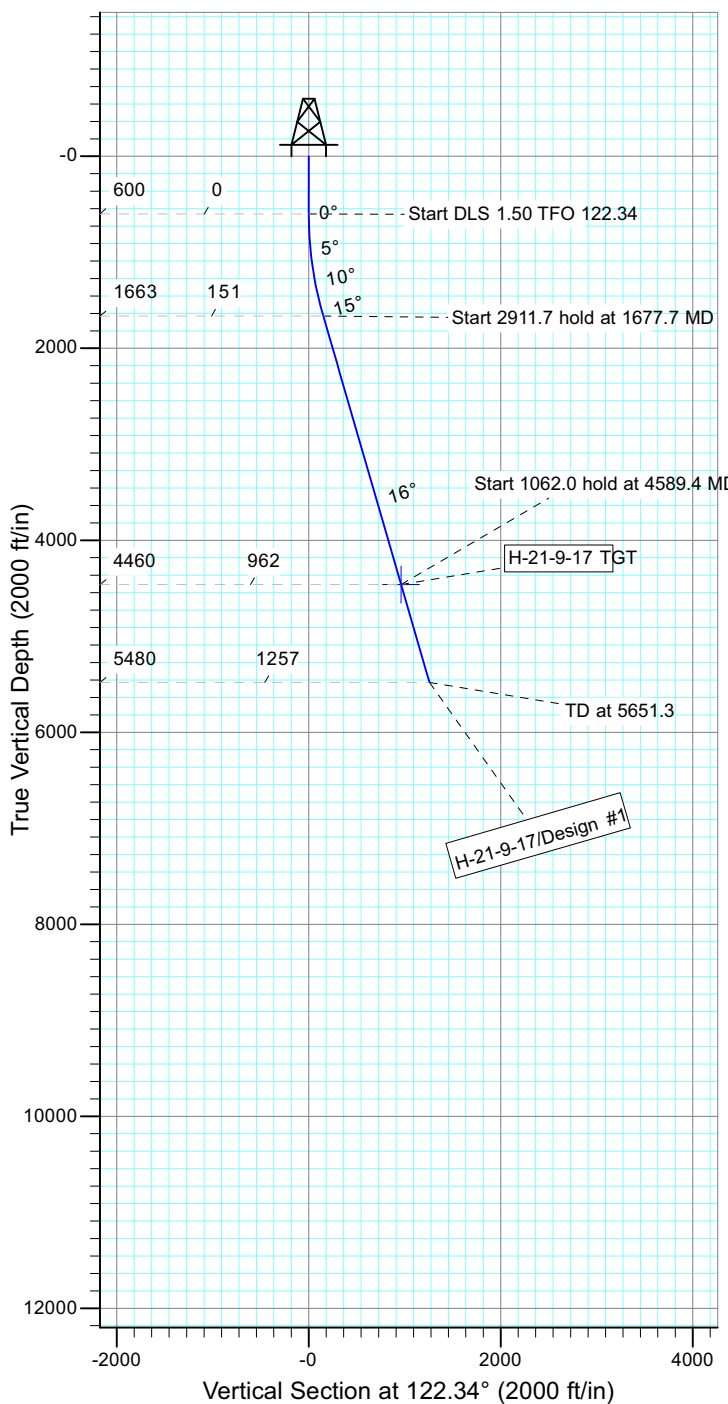


Project: USGS Myton SW (UT)
 Site: SECTION 21 T9, R17
 Well: H-21-9-17
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to True North
 Magnetic North: 11.11°

Magnetic Field
 Strength: 52124.4snT
 Dip Angle: 65.75°
 Date: 11/20/2012
 Model: IGRF2010



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
H-21-9-17 TGT	4460.0	-514.4	812.5	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1677.7	16.16	122.34	1663.4	-80.8	127.6	1.50	122.34	151.0	
4	4589.4	16.16	122.34	4460.0	-514.4	812.5	0.00	0.00	961.6	H-21-9-17 TGT
5	5651.3	16.16	122.34	5480.0	-672.6	1062.3	0.00	0.00	1257.3	



Received: June 20, 2013

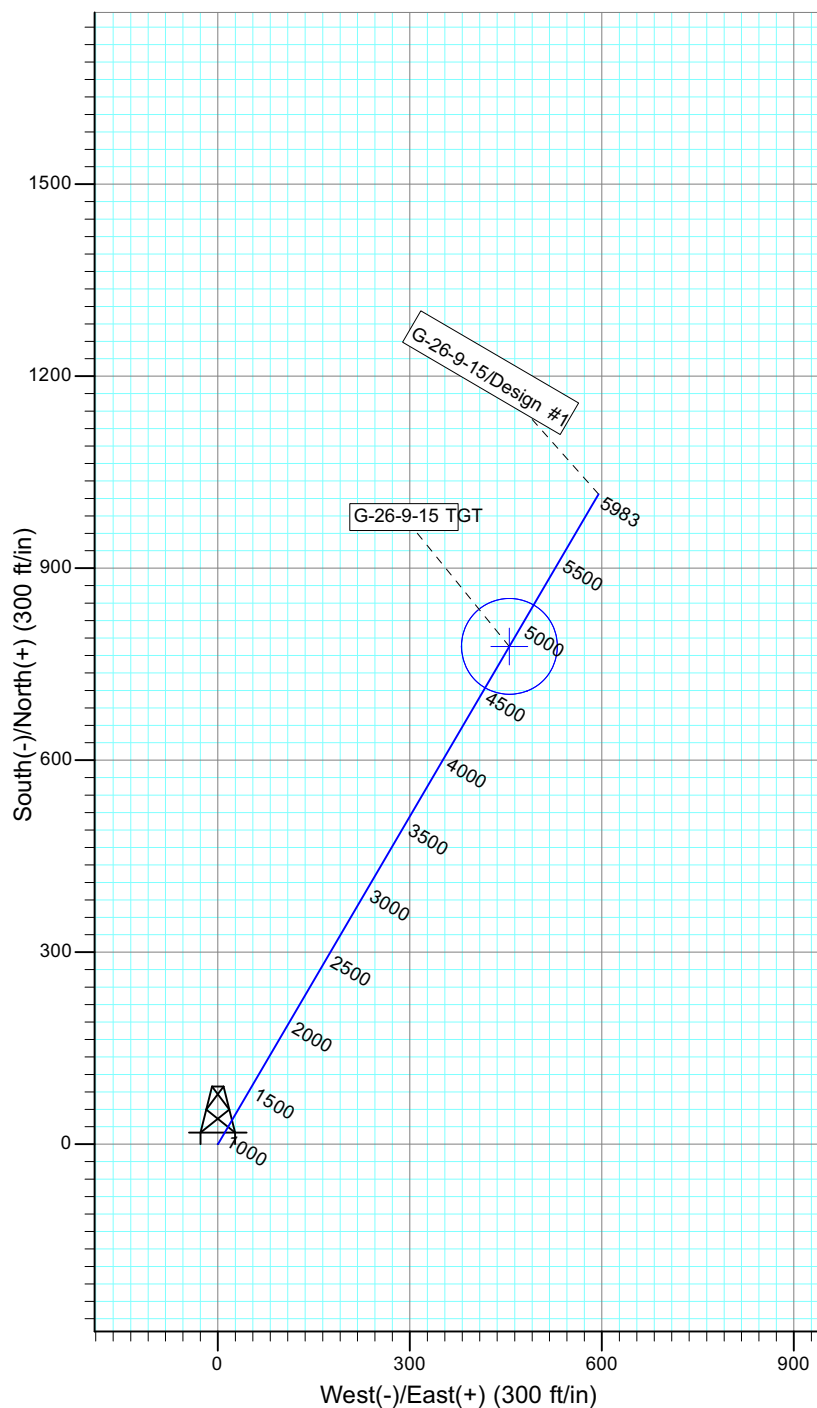
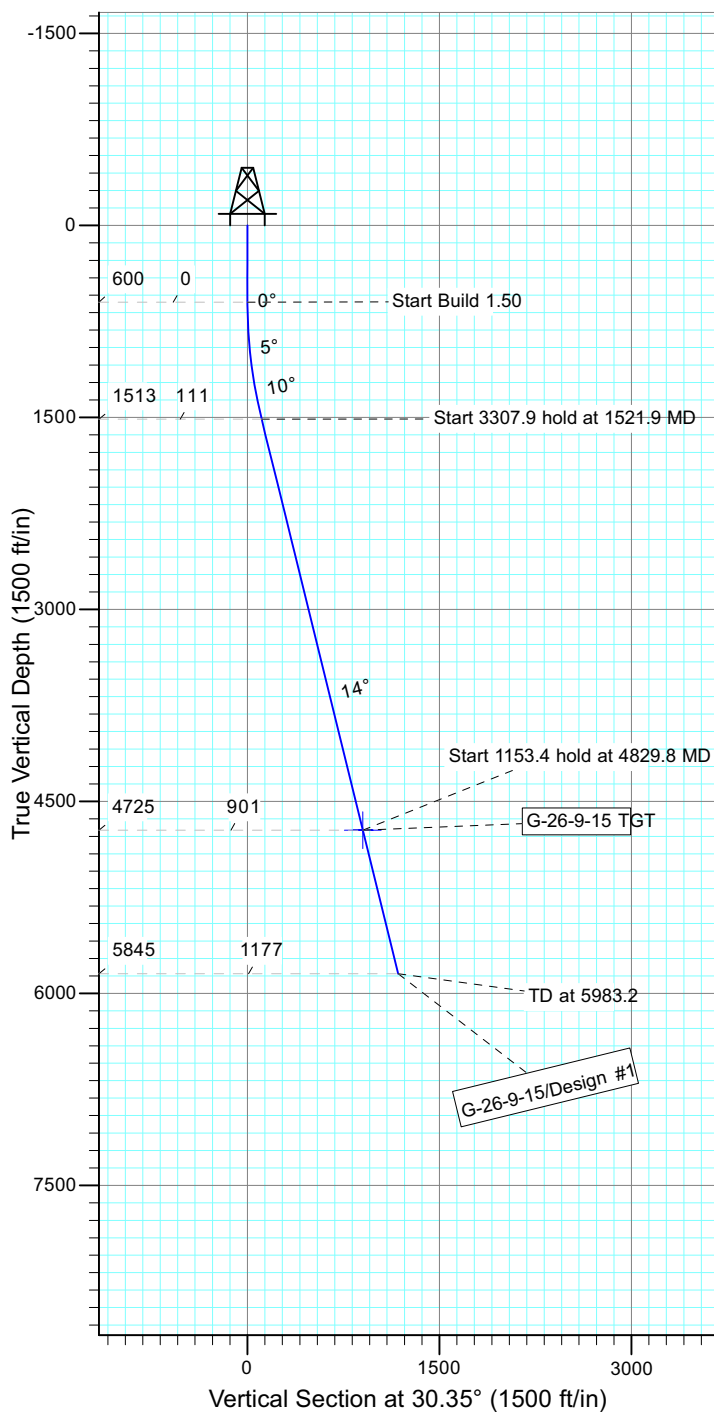


Project: USGS Myton SW (UT)
 Site: SECTION 26 T9S, 15E
 Well: G-26-9-15
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to True North
 Magnetic North: 11.11°

Magnetic Field
 Strength: 52025.4snT
 Dip Angle: 65.68°
 Date: 6/4/2013
 Model: IGRF2010



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
G-26-9-15 TGT	4725.0	777.8	455.5	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1521.9	13.83	30.35	1513.0	95.5	55.9	1.50	30.35	110.7	
4	4829.8	13.83	30.35	4725.0	777.8	455.5	0.00	0.00	901.4	G-26-9-15 TGT
5	5983.2	13.83	30.35	5845.0	1015.8	594.8	0.00	0.00	1177.1	



Received: June 20, 2013

API Well Number: 43013522630000

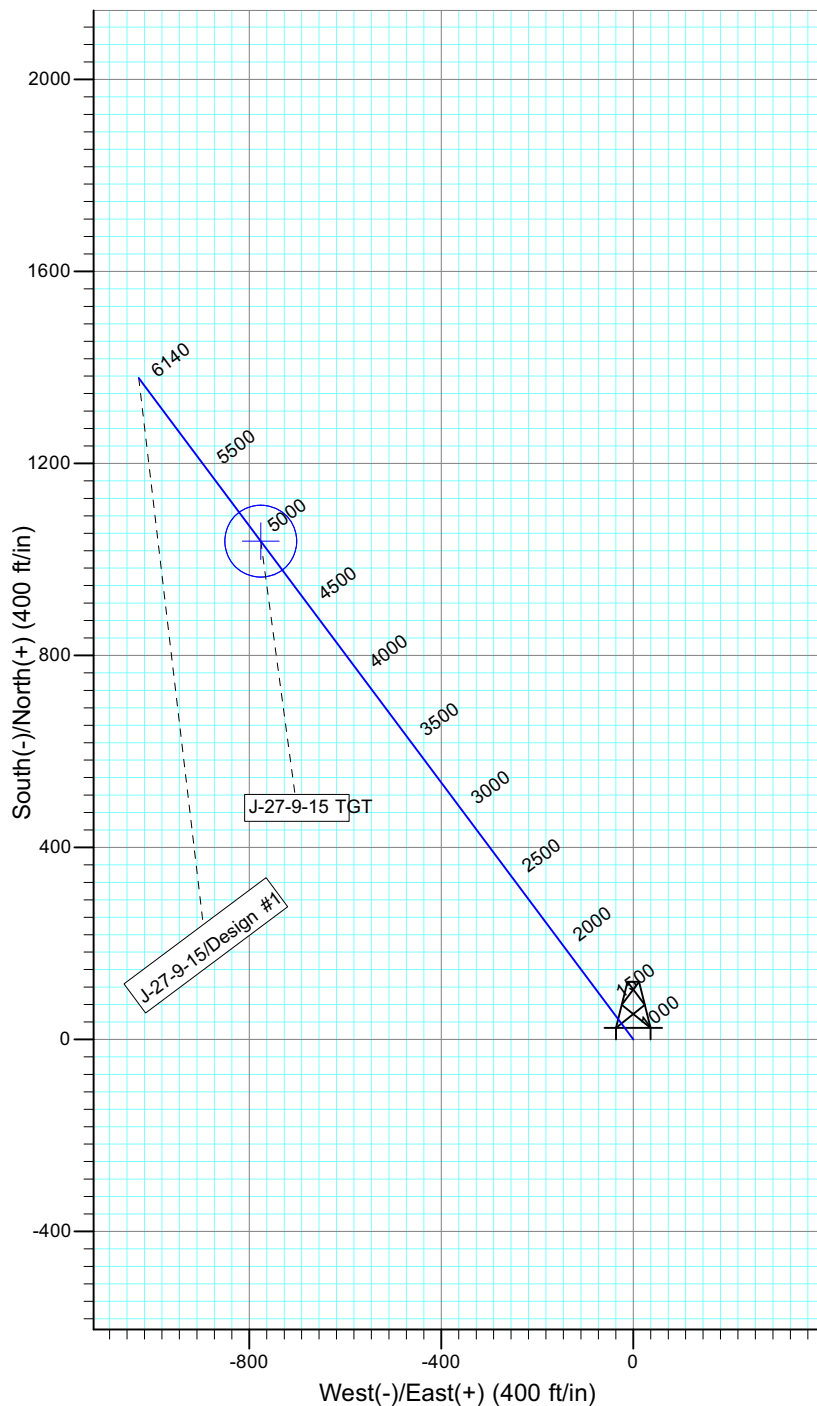
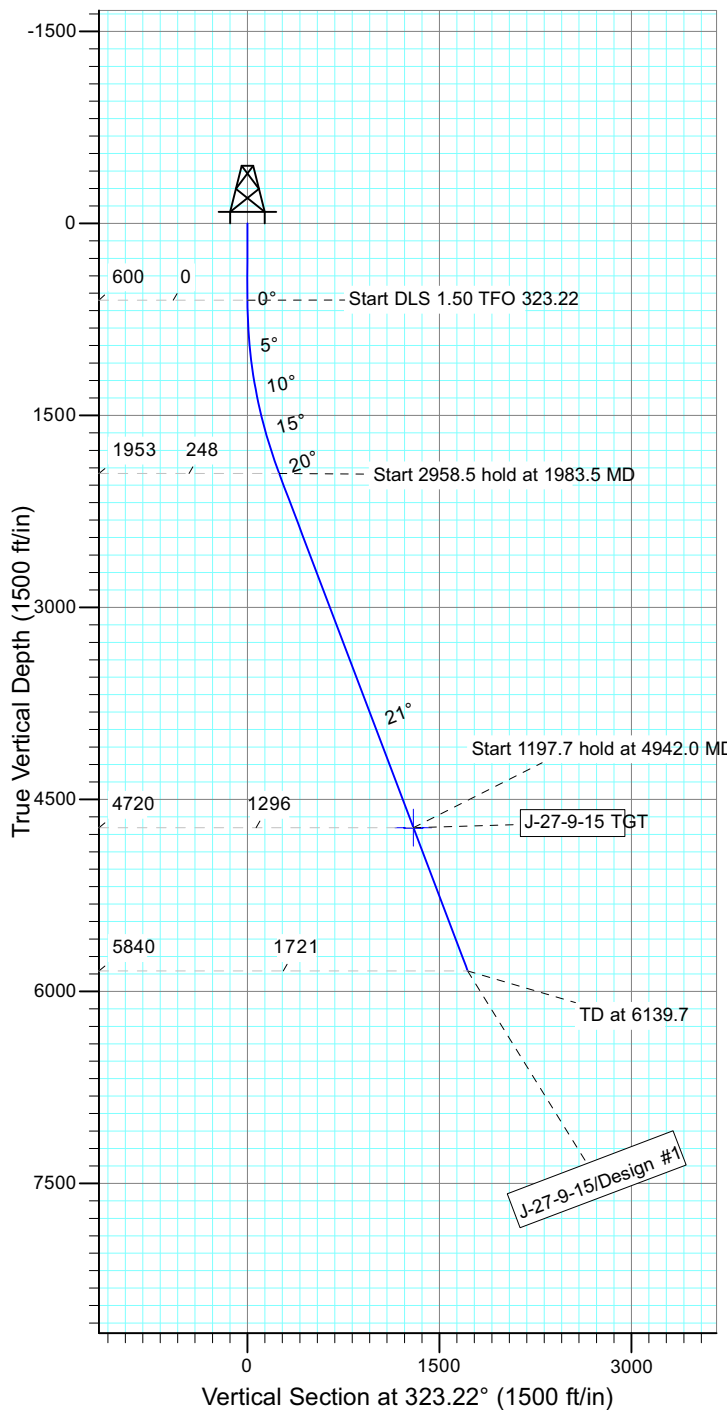


Project: USGS Myton SW (UT)
 Site: SECTION 26 T9S, 15E
 Well: J-27-9-15
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to True North
 Magnetic North: 11.18°

Magnetic Field
 Strength: 52074.2snT
 Dip Angle: 65.70°
 Date: 12/5/2012
 Model: IGRF2010



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
J-27-9-15 TGT	4720.0	1038.1	-776.1	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1983.5	20.75	323.22	1953.5	198.5	-148.4	1.50	323.22	247.8	
4	4942.0	20.75	323.22	4720.0	1038.1	-776.1	0.00	0.00	1296.1	J-27-9-15 TGT
5	6139.7	20.75	323.22	5840.0	1378.0	-1030.2	0.00	0.00	1720.5	



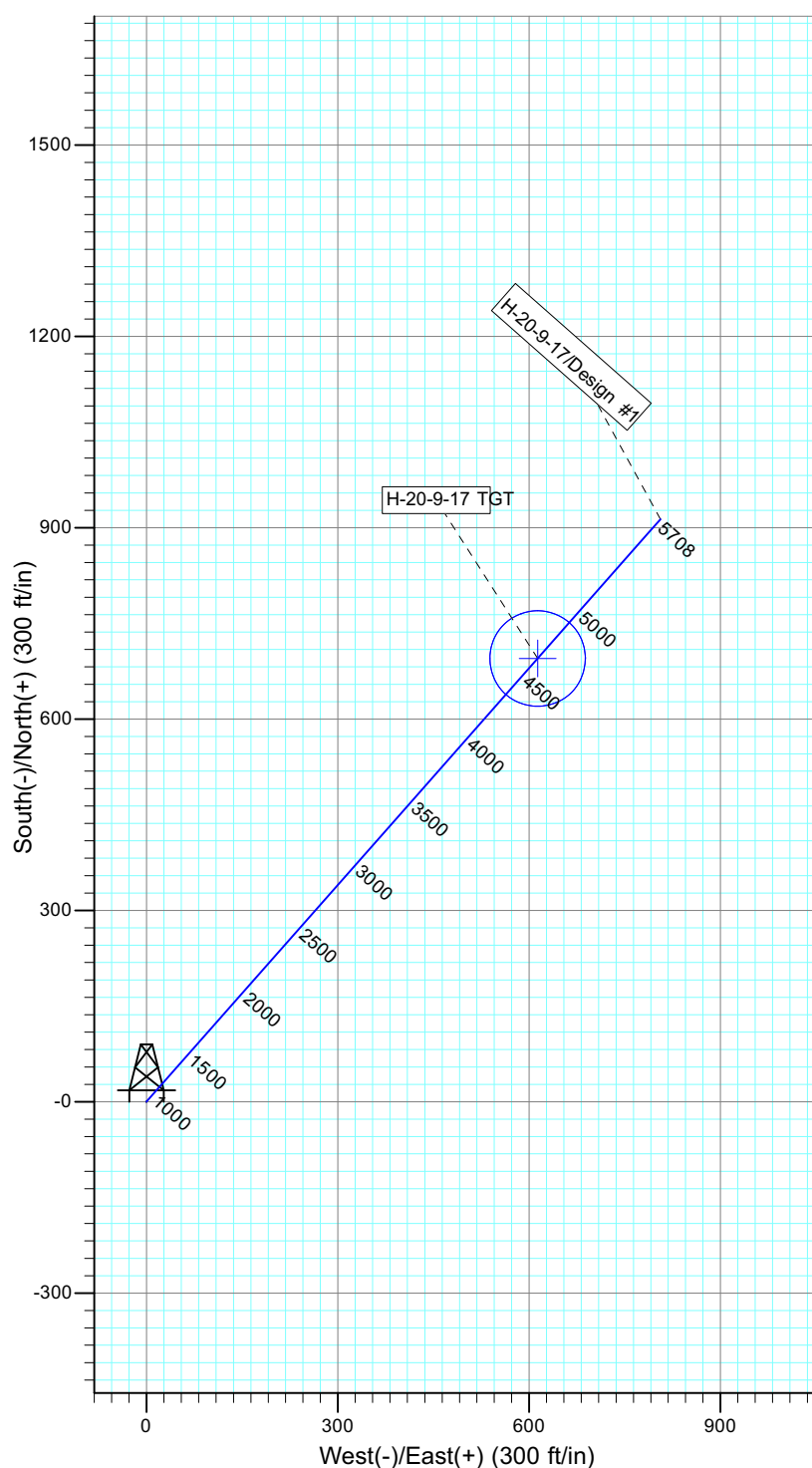
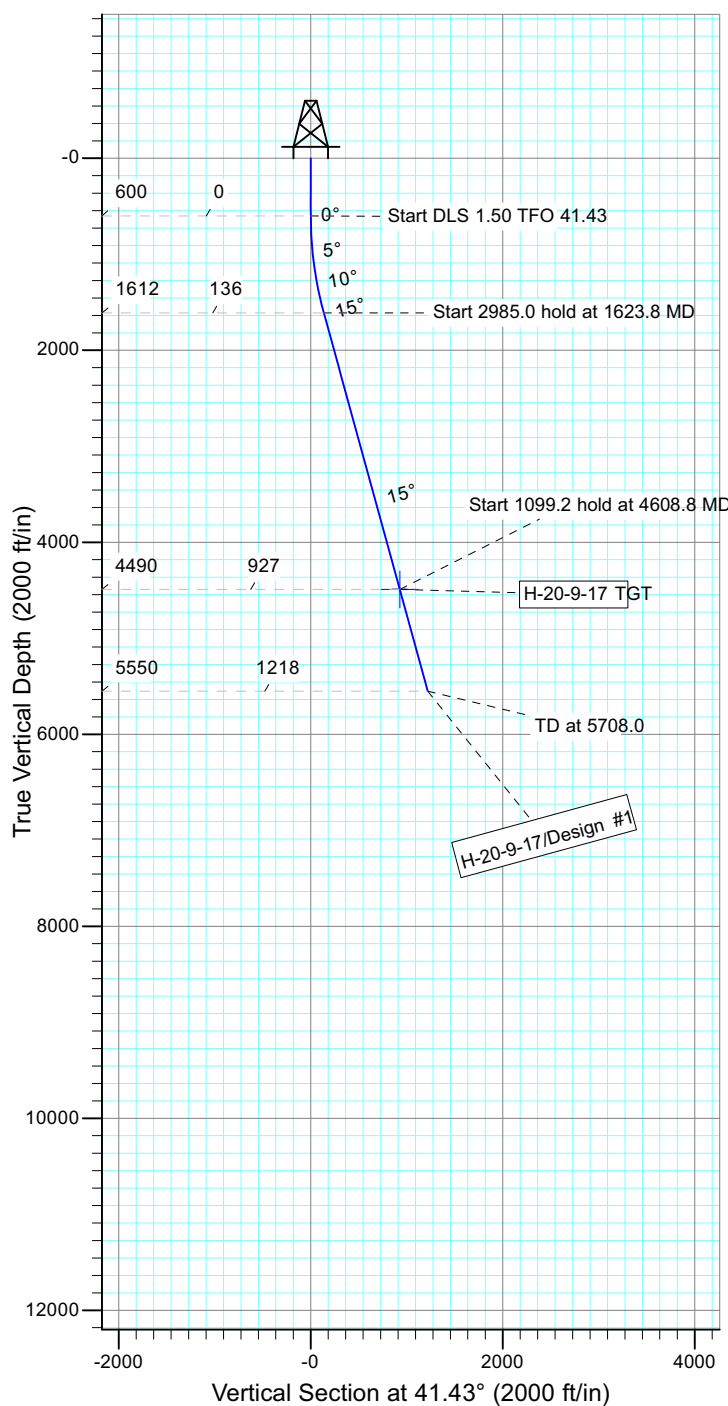
Received: June 20, 2013

Project: USGS Myton SW (UT)
 Site: SECTION 20 T9S, R17E
 Well: H-20-9-17
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to True North
 Magnetic North: 11.12°

Magnetic Field
 Strength: 52120.3snT
 Dip Angle: 65.74°
 Date: 11/15/2012
 Model: IGRF2010



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
H-20-9-17 TGT	4490.0	694.9	613.4	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1623.8	15.36	41.43	1611.6	102.3	90.3	1.50	41.43	136.4	
4	4608.8	15.36	41.43	4490.0	694.9	613.4	0.00	0.00	926.9	H-20-9-17 TGT
5	5708.0	15.36	41.43	5550.0	913.2	806.0	0.00	0.00	1218.0	

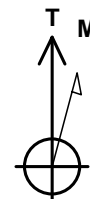


Received: June 20, 2013

API Well Number: 43013522630000

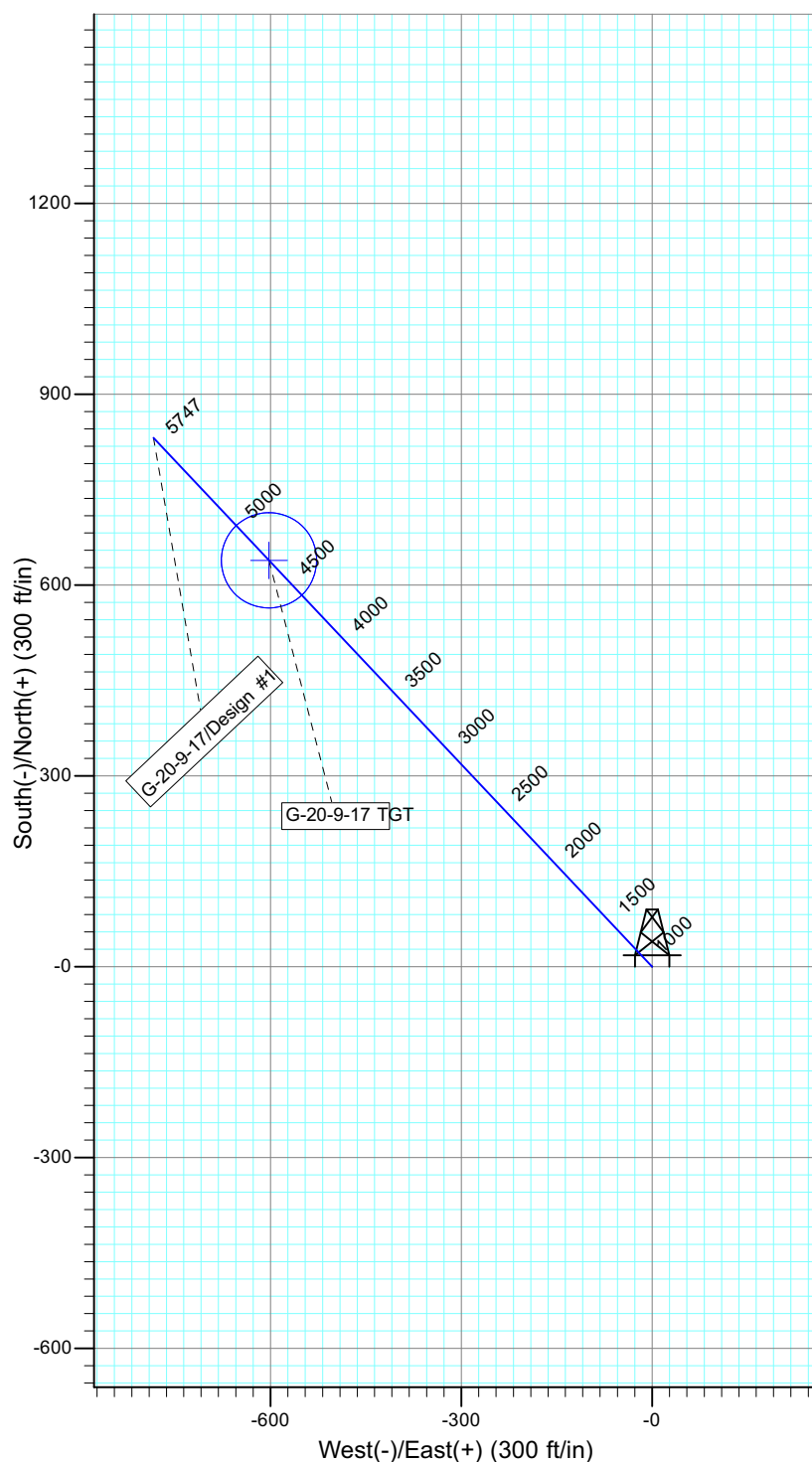
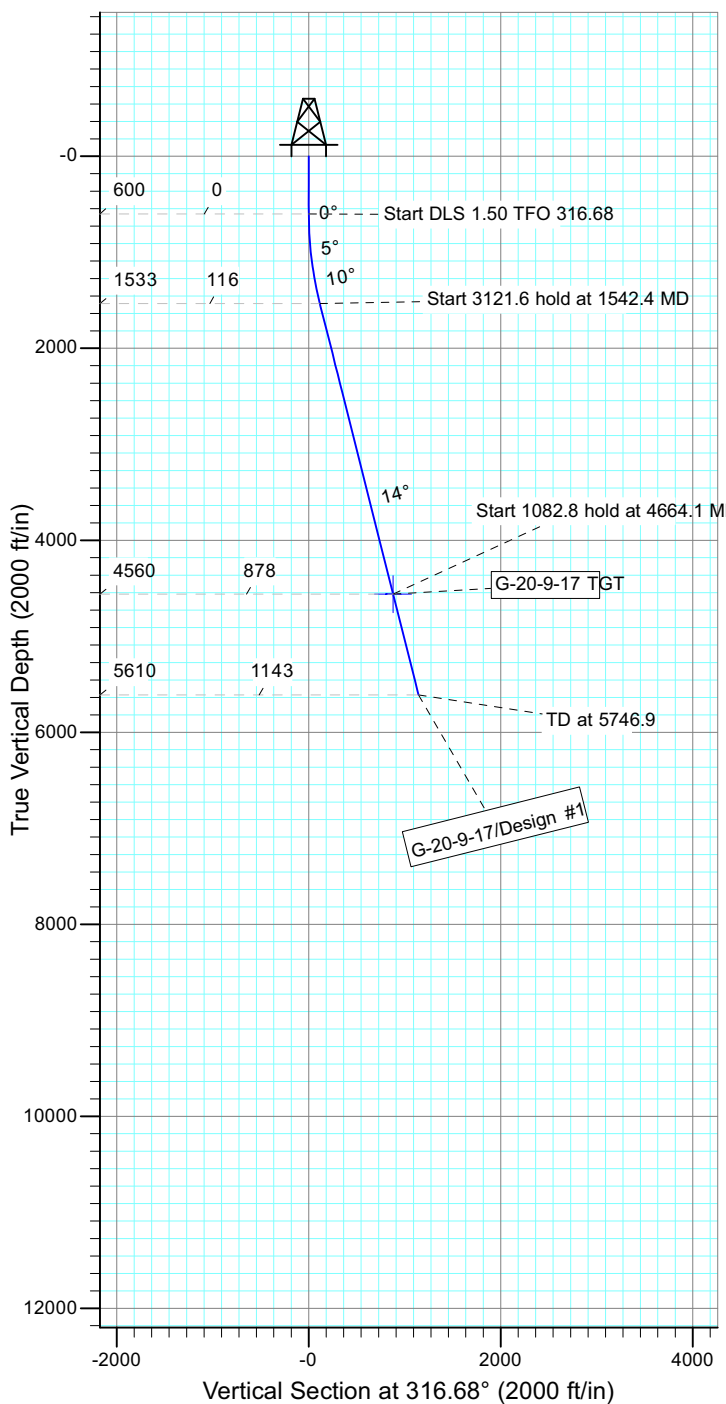


Project: USGS Myton SW (UT)
 Site: SECTION 20 T9S, R17E
 Well: G-20-9-17
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to True North
 Magnetic North: 11.12°

Magnetic Field
 Strength: 52120.3snT
 Dip Angle: 65.74°
 Date: 11/15/2012
 Model: IGRF2010



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
G-20-9-17 TGT	4560.0	638.8	-602.4	Circle (Radius: 75.0)

SECTION DETAILS

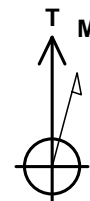
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1542.4	14.14	316.68	1532.9	84.2	-79.4	1.50	316.68	115.7	
4	4664.1	14.14	316.68	4560.0	638.8	-602.4	0.00	0.00	878.1	G-20-9-17 TGT
5	5746.9	14.14	316.68	5610.0	831.2	-783.9	0.00	0.00	1142.5	



Received: June 20, 2013

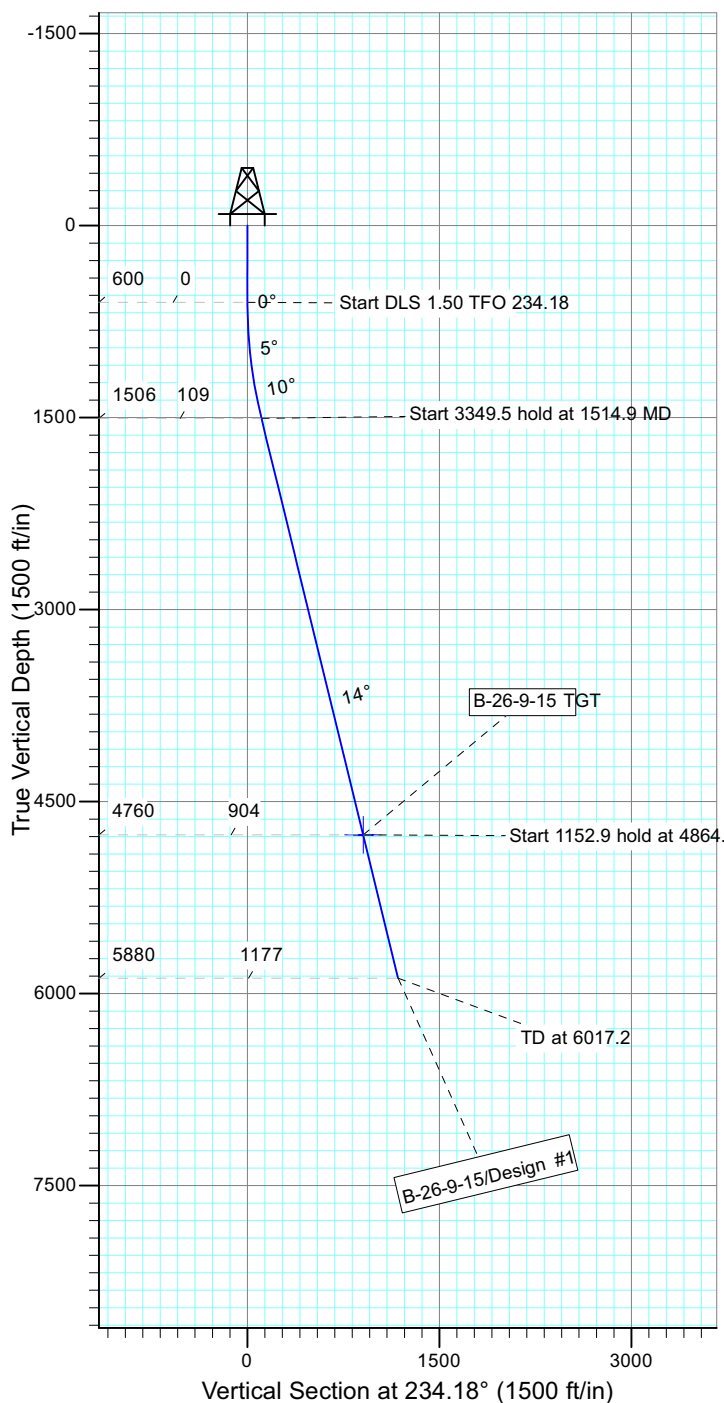


Project: USGS Myton SW (UT)
 Site: SECTION 23 T9, R15
 Well: B-26-9-15
 Wellbore: Wellbore #1
 Design: Design #1



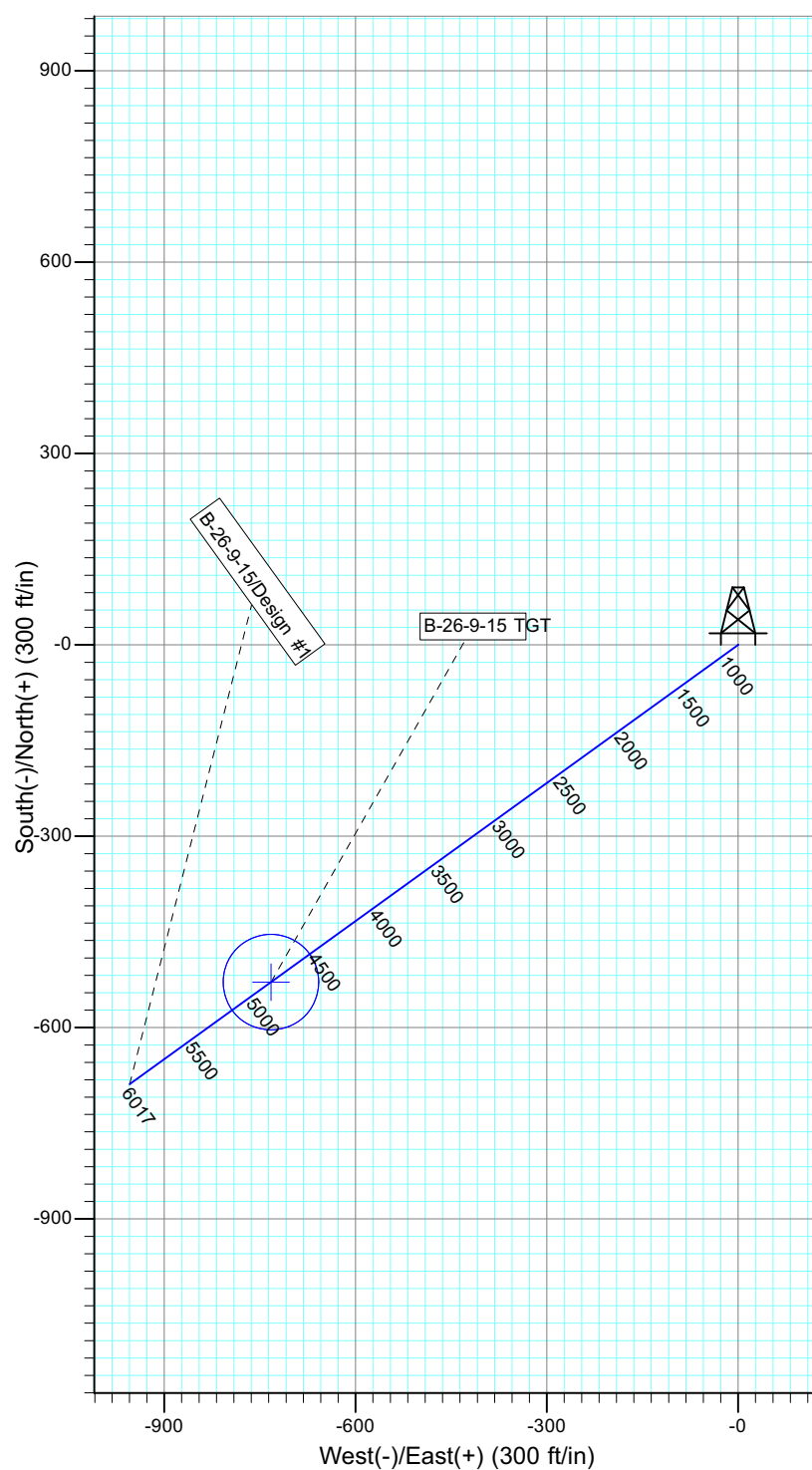
Azimuths to True North
 Magnetic North: 11.12°

Magnetic Field
 Strength: 52044.8snT
 Dip Angle: 65.70°
 Date: 4/19/2013
 Model: IGRF2010



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
B-26-9-15 TGT	4760.0	-528.8	-732.7	Circle (Radius: 75.0)



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1514.9	13.72	234.18	1506.1	-63.8	-88.4	1.50	234.18	109.0	
4	4864.3	13.72	234.18	4760.0	-528.8	-732.7	0.00	0.00	903.6	B-26-9-15 TGT
5	6017.2	13.72	234.18	5880.0	-688.9	-954.5	0.00	0.00	1177.1	

Received: June 20, 2013

API Well Number: 43013522630000

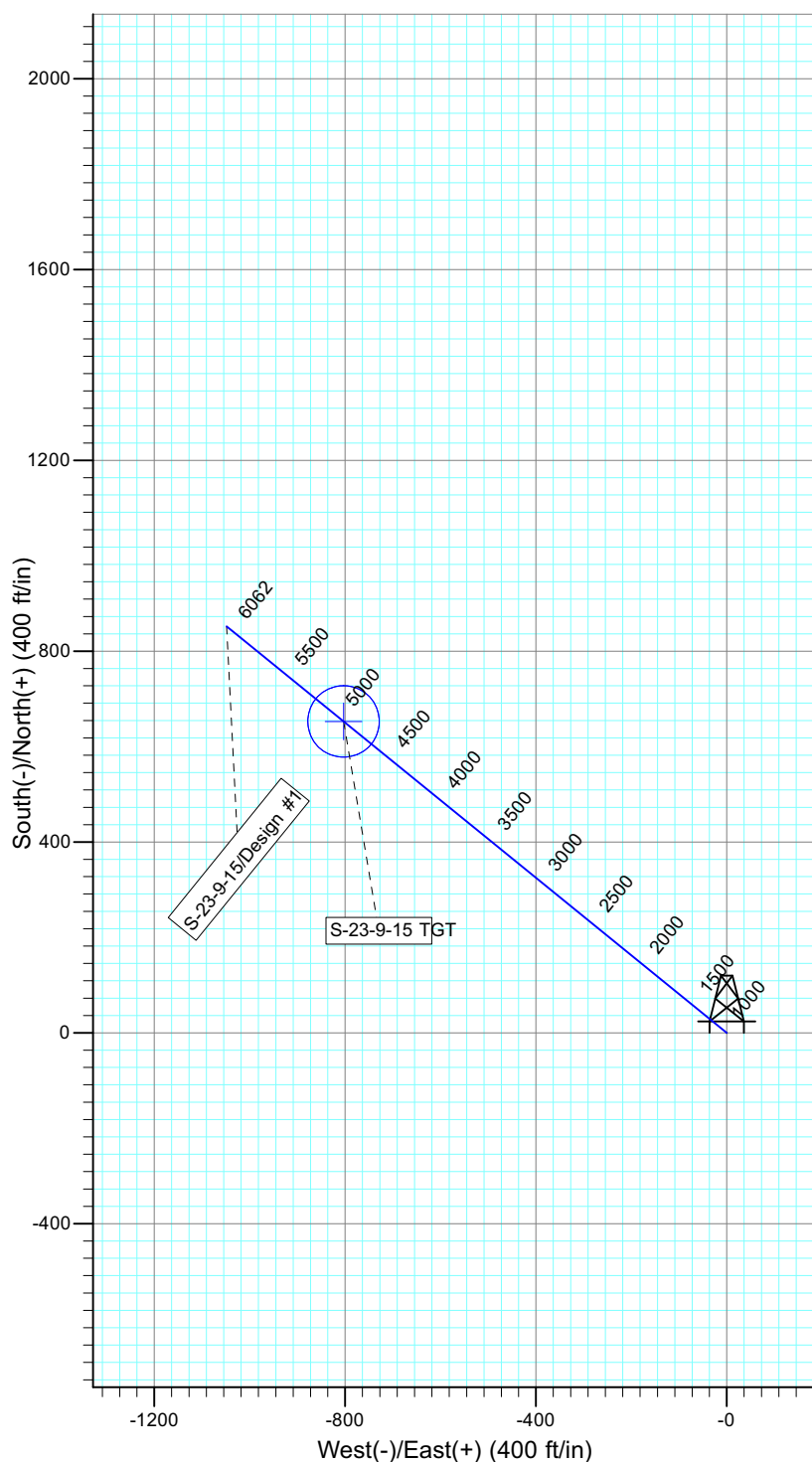
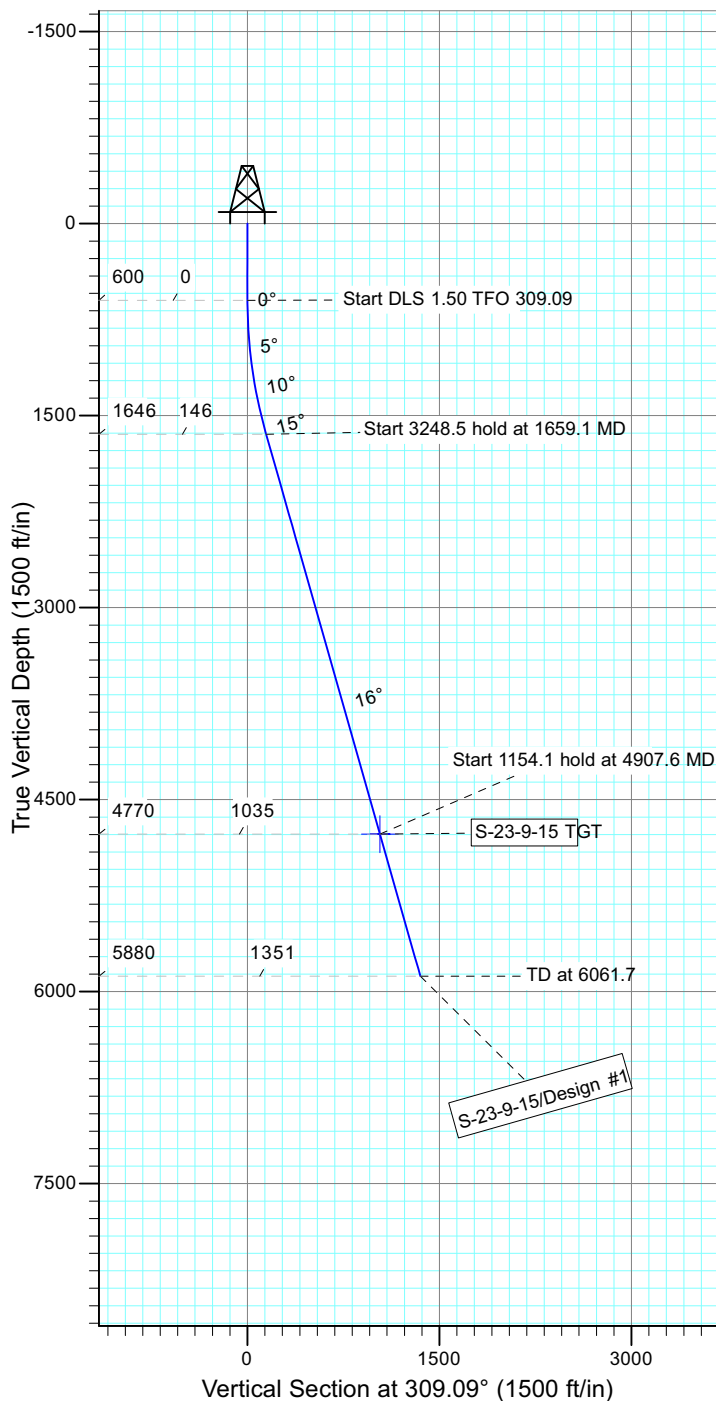


Project: USGS Myton SW (UT)
 Site: SECTION 23 T9, R15
 Well: S-23-9-15
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to True North
 Magnetic North: 11.12°

Magnetic Field
 Strength: 52044.8snT
 Dip Angle: 65.70°
 Date: 4/19/2013
 Model: IGRF2010



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
S-23-9-15 TGT	4770.0	652.7	-803.4	Circle (Radius: 75.0)

SECTION DETAILS

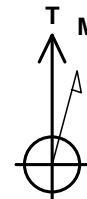
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1659.1	15.89	309.09	1645.6	92.0	-113.2	1.50	309.09	145.9	
4	4907.6	15.89	309.09	4770.0	652.7	-803.4	0.00	0.00	1035.1	S-23-9-15 TGT
5	6061.7	15.89	309.09	5880.0	851.9	-1048.6	0.00	0.00	1351.0	



Received: June 20, 2013

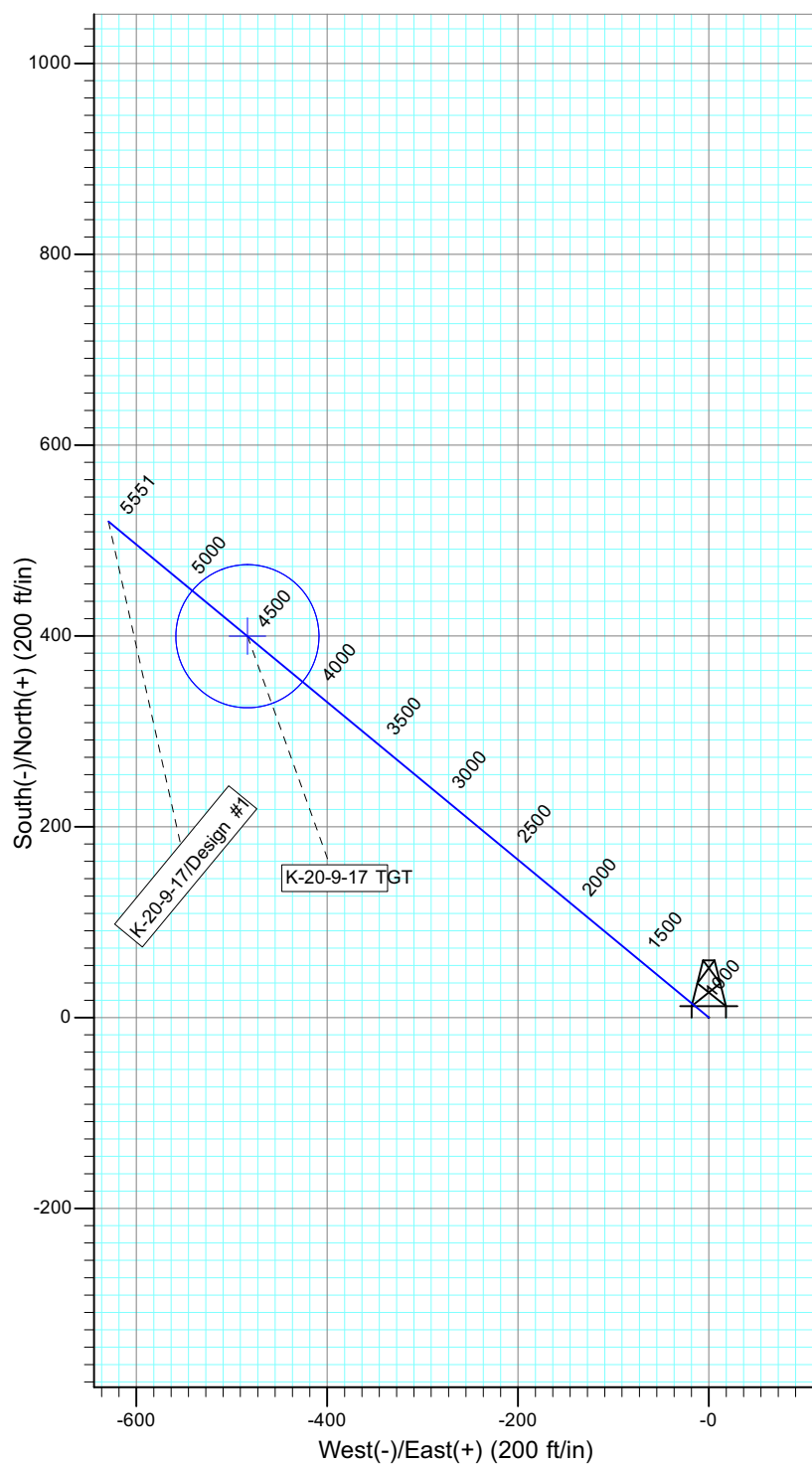
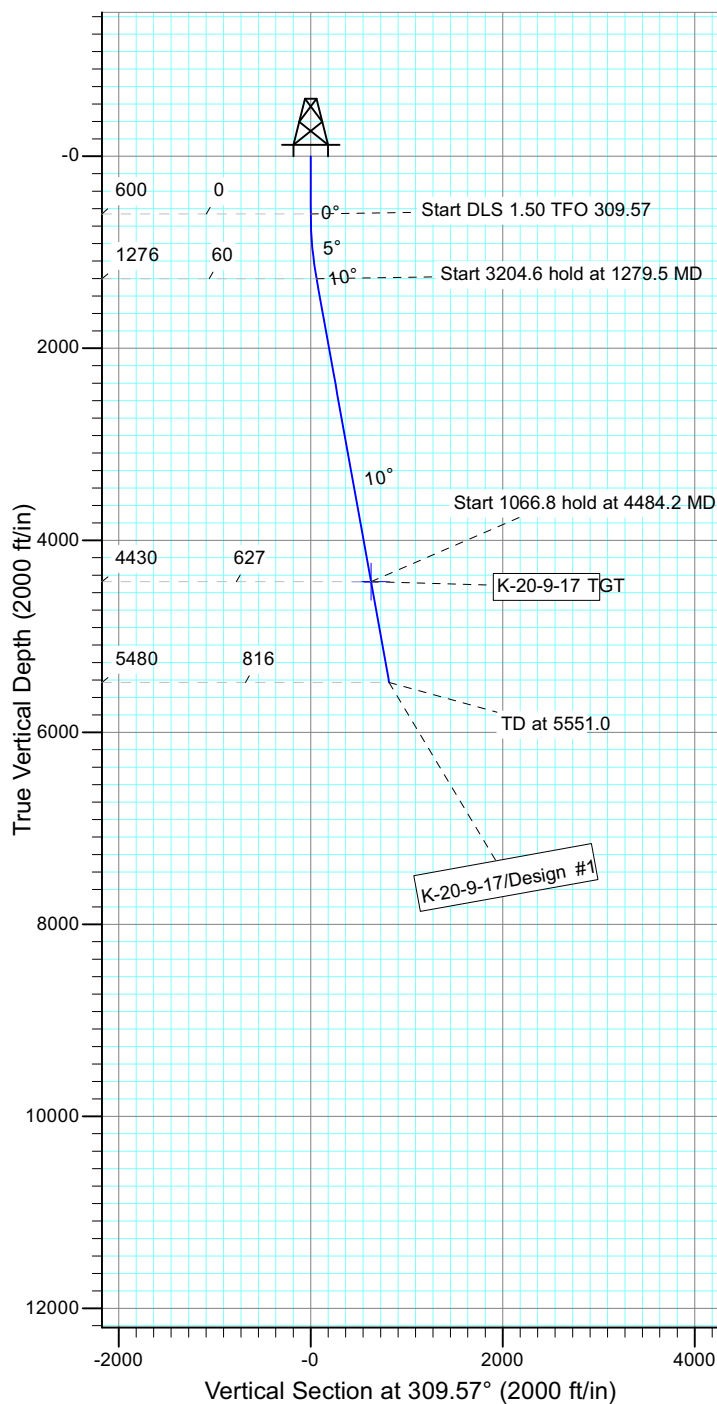


Project: USGS Myton SW (UT)
 Site: SECTION 21 T9, R17
 Well: K-20-9-17
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to True North
 Magnetic North: 11.11°

Magnetic Field
 Strength: 52119.9snT
 Dip Angle: 65.74°
 Date: 11/20/2012
 Model: IGRF2010



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
K-20-9-17 TGT	4430.0	399.6	-483.6	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1279.5	10.19	309.57	1279.9	38.4	-46.5	1.50	309.57	60.3	
4	4484.2	10.19	309.57	4430.0	399.6	-483.6	0.00	0.00	627.4	K-20-9-17 TGT
5	5551.0	10.19	309.57	5480.0	519.9	-629.1	0.00	0.00	816.2	

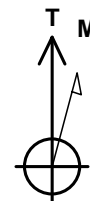


Received: June 21, 2013

API Well Number: 43013522630000

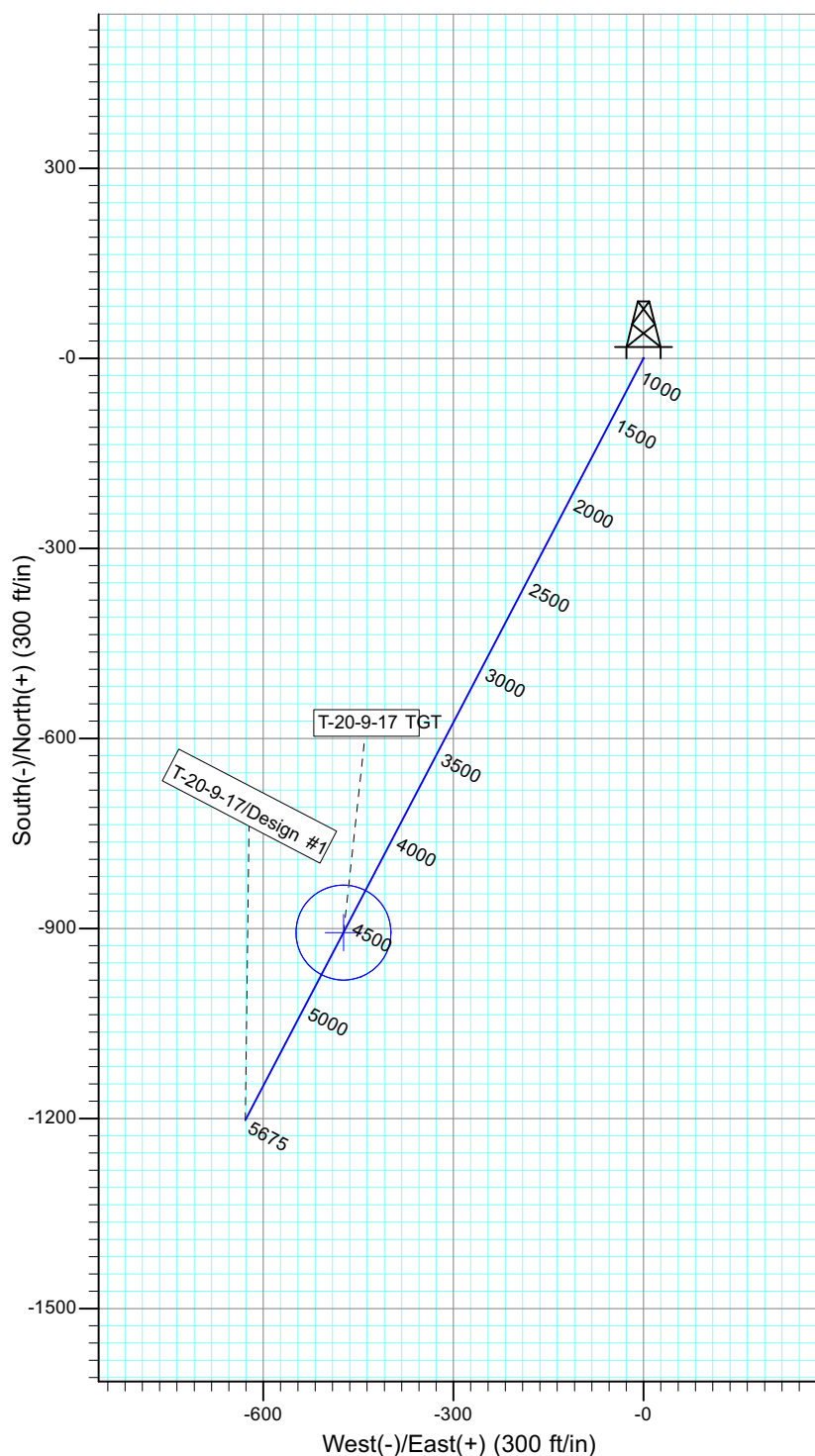
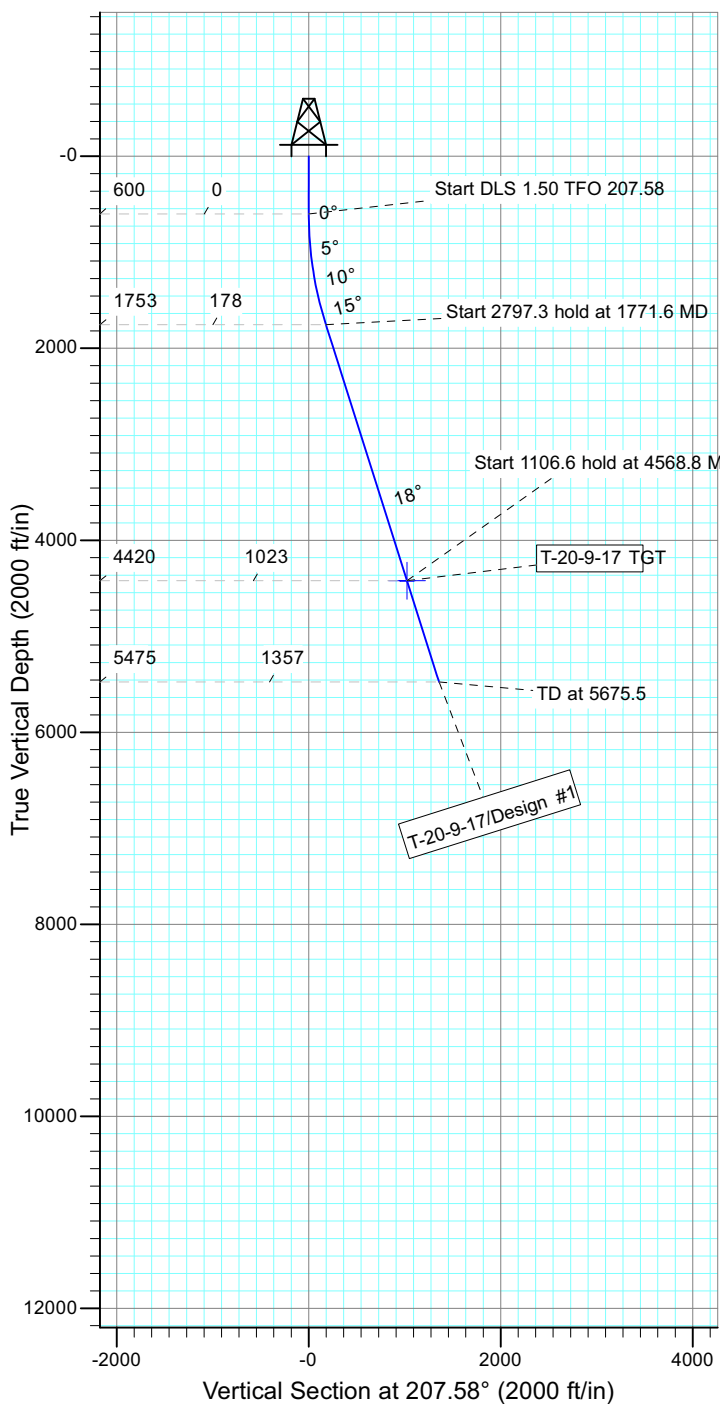


Project: USGS Myton SW (UT)
 Site: SECTION 21 T9, R17
 Well: T-20-9-17
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to True North
 Magnetic North: 11.10°

Magnetic Field
 Strength: 52117.1snT
 Dip Angle: 65.74°
 Date: 11/30/2012
 Model: IGRF2010



WELLBORE TARGET DETAILS

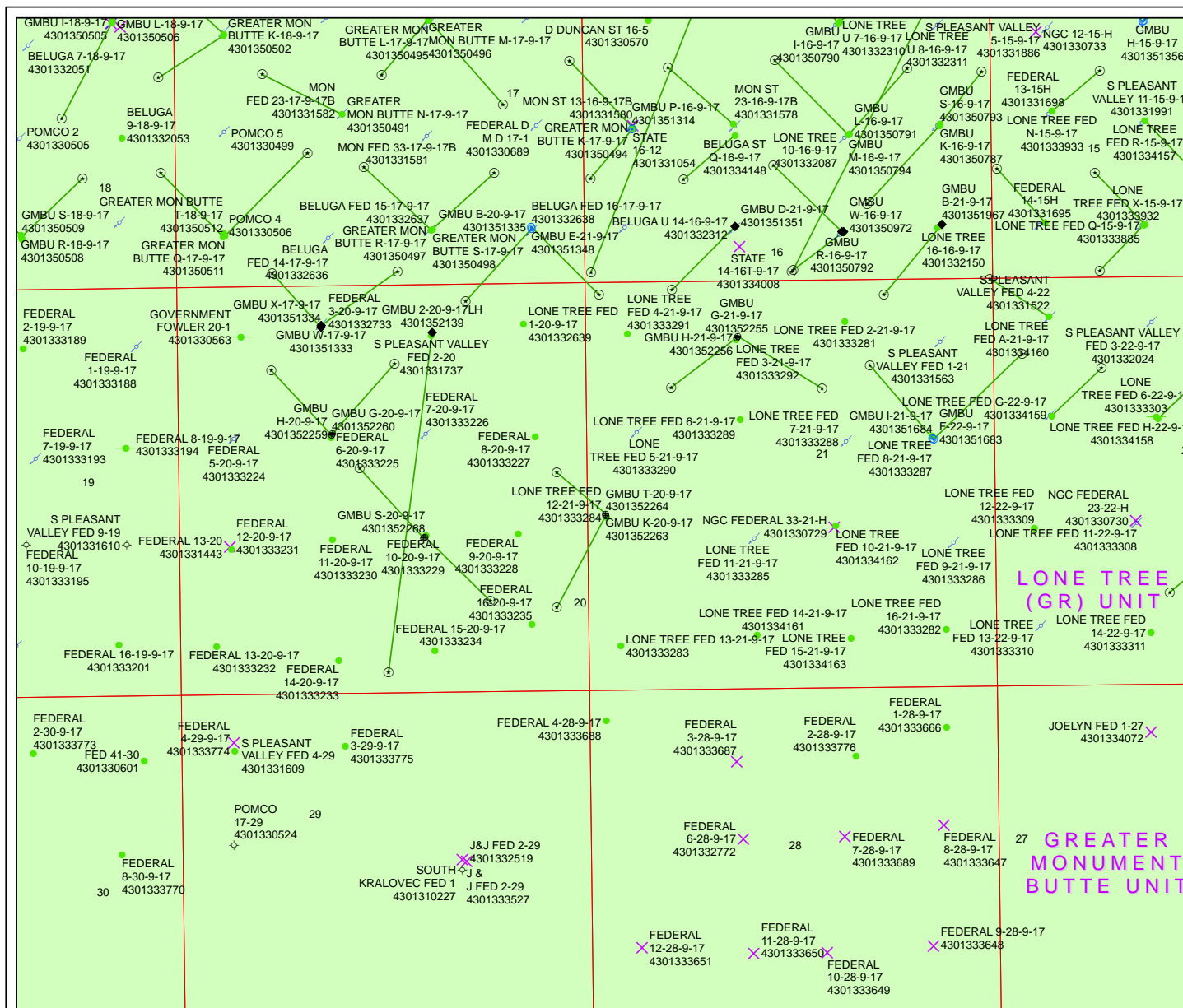
Name	TVD	+N/-S	+E/-W	Shape
T-20-9-17 TGT	4420.0	-906.6	-473.6	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1771.6	17.57	207.58	1753.3	-158.0	-82.5	1.50	207.58	178.3	
4	4568.8	17.57	207.58	4420.0	-906.6	-473.6	0.00	0.00	1022.9	T-20-9-17 TGT
5	5675.5	17.57	207.58	5475.0	-1202.8	-628.3	0.00	0.00	1357.0	



Received: June 21, 2013



API Number: 4301352263

Well Name: GMBU K-20-9-17

Township T09.0S Range R17.0E Section 21

Meridian: SLBM

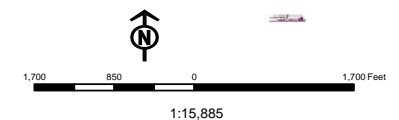
Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:

Map Produced by Diana Mason

Units
STATUS

- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF PP SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERMAL
- PP OIL
- SECONDARY
- TERMINATED



NEWFIELD



VIA ELECTRONIC DELIVERY

Newfield Exploration Company

1001 17th Street | Suite 2000

Denver, Colorado 80202

PH 303-893-0102 | FAX 303-893-0103

June 26, 2013

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
P.O. Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling
GMBU K-20-9-17
Greater Monument Butte (Green River) Unit

Surface Hole: T9S-R17E Section 21: NWSW (UTU-13905)
2272' FSL 242' FWL

At Target: T9S-R15E Section 20: SENE (UTU-77369)
2484' FNL 377' FEL

Duchesne County, Utah

Dear Ms. Mason:

Pursuant to the filing by Newfield Production Company (NPC) of an Application for Permit to Drill the above referenced well dated 6/21/2013, a copy of which is attached, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole and target locations of this well are both within the boundaries of the Greater Monument Butte Unit (UTU-87538X), of which Newfield certifies that it is the operator. Further, Newfield certifies that all lands within 460 feet of the entire directional well bore are within the Greater Monument Butte Unit.

NPC is permitting this well as a directional well in order to mitigate surface disturbance by utilizing pre-existing roads and pipelines.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please contact the undersigned at 303-383-4121 or by email at lburget@newfield.com. Your consideration in this matter is greatly appreciated.

Sincerely,
Newfield Production Company

Leslie Burget
Land Associate

Form 3160-3
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010**APPLICATION FOR PERMIT TO DRILL OR REENTER**

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU13905
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator NEWFIELD PRODUCTION COMPANY		7. If Unit or CA Agreement, Name and No. GREATER MONUMENT
Contact: MANDIE CROZIER Email: mcrozier@newfield.com		8. Lease Name and Well No. GMBU K-20-9-17
3a. Address ROUTE #3 BOX 3630 MYTON, UT 84052	3b. Phone No. (include area code) Ph: 435-646-4825 Fx: 435-646-3031	9. API Well No.
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NWSW 2272FSL 242FWL At proposed prod. zone SENE 2484FNL 377FEL		10. Field and Pool, or Exploratory MONUMENT BUTTE
14. Distance in miles and direction from nearest town or post office* 15.9 MILES SOUTHEAST OF MYTON		11. Sec., T., R., M., or Blk. and Survey or Area Sec 21 T9S R17E Mer SLB
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 377'	16. No. of Acres in Lease 1200.00	12. County or Parish DUCHESNE
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 853'	17. Spacing Unit dedicated to this well 20.00	13. State UT
21. Elevations (Show whether DF, KB, RT, GL, etc.) 5358 GL	19. Proposed Depth 5551 MD 5480 TVD	20. BLM/BIA Bond No. on file WYB000493
	22. Approximate date work will start 10/01/2013	23. Estimated duration 7 DAYS

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature (Electronic Submission)	Name (Printed/Typed) MANDIE CROZIER Ph: 435-646-4825	Date 06/21/2013
Title REGULATORY ANALYST		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

**Electronic Submission #211372 verified by the BLM Well Information System
For NEWFIELD PRODUCTION COMPANY, sent to the Vernal**

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

API Well Number: 43013522630000

Additional Operator Remarks:

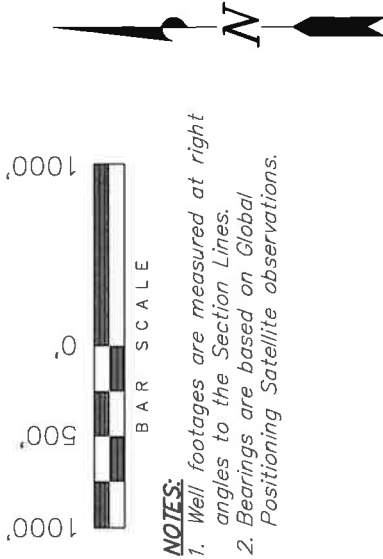
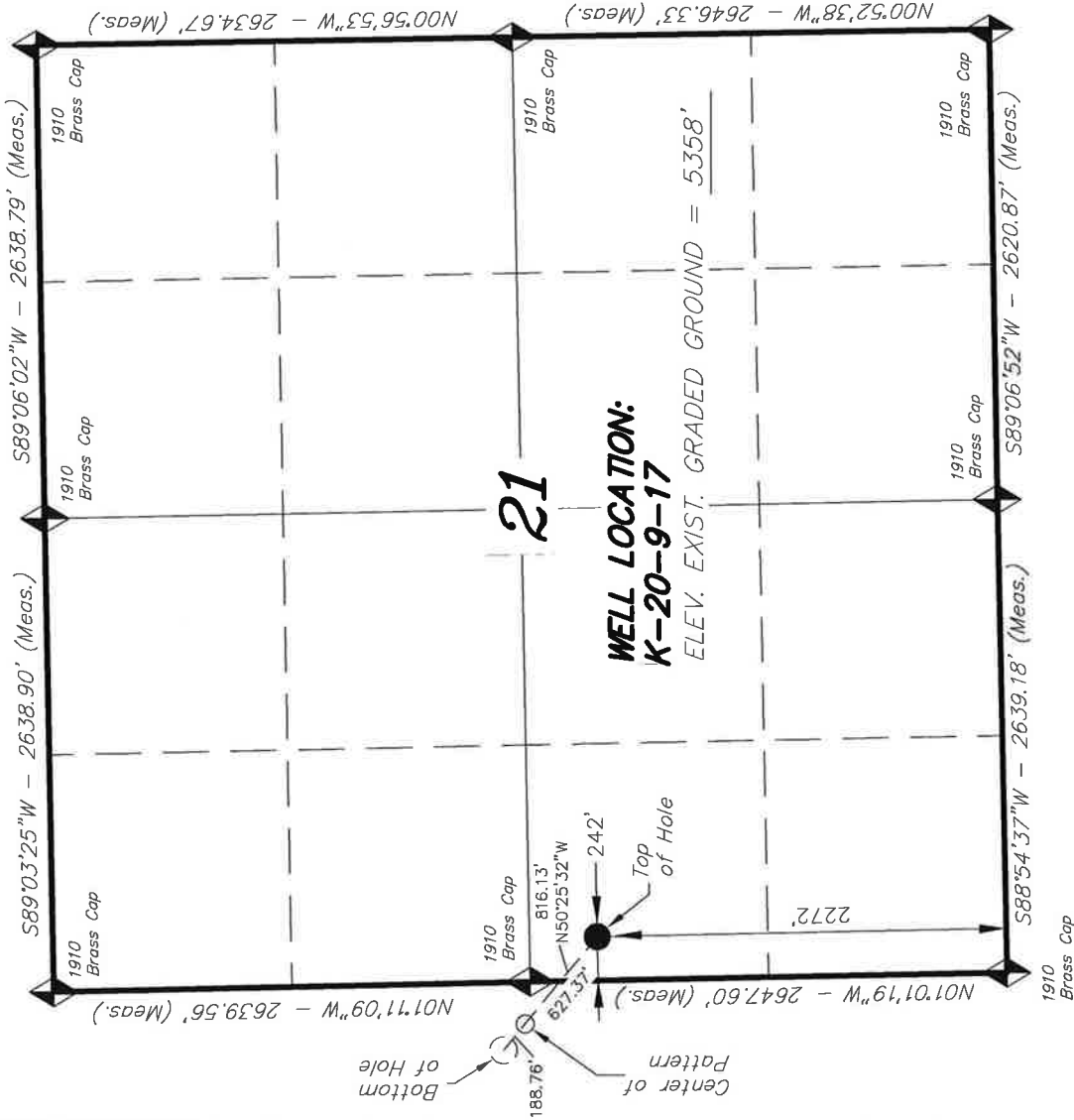
SURFACE LEASE: UTU-13905

BOTTOM HOLE LEASE: UTU-77369

T9S, R17E, S.L.B.&M.

NEWFIELD EXPLORATION COMPANY

WELL LOCATION, K-20-9-17, LOCATED AS SHOWN IN THE NW 1/4 SW 1/4 OF SECTION 21, T9S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



NOTES:

- 1. Well footages are measured at right angles to the Section Lines.
- 2. Bearings are based on Global Positioning Satellite observations.

THIS IS TO CERTIFY THAT THE ABOVE SET WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

12-20-12
STACY W.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 16189377
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

SECTION CORNERS LOCATED

NAD 83 (SURFACE LOCATION)	
LATITUDE	= 40°00'55.56"
LONGITUDE	= 110°01'12.38"
NAD 27 (SURFACE LOCATION)	
LATITUDE	= 40°00'55.69"
LONGITUDE	= 110°01'09.84"

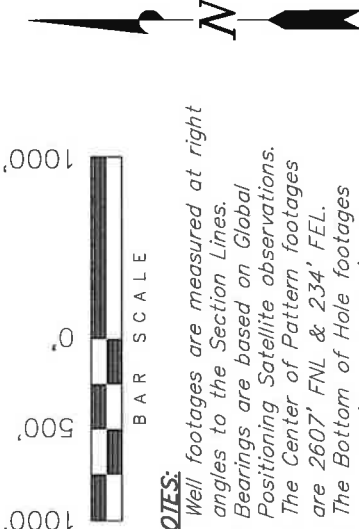
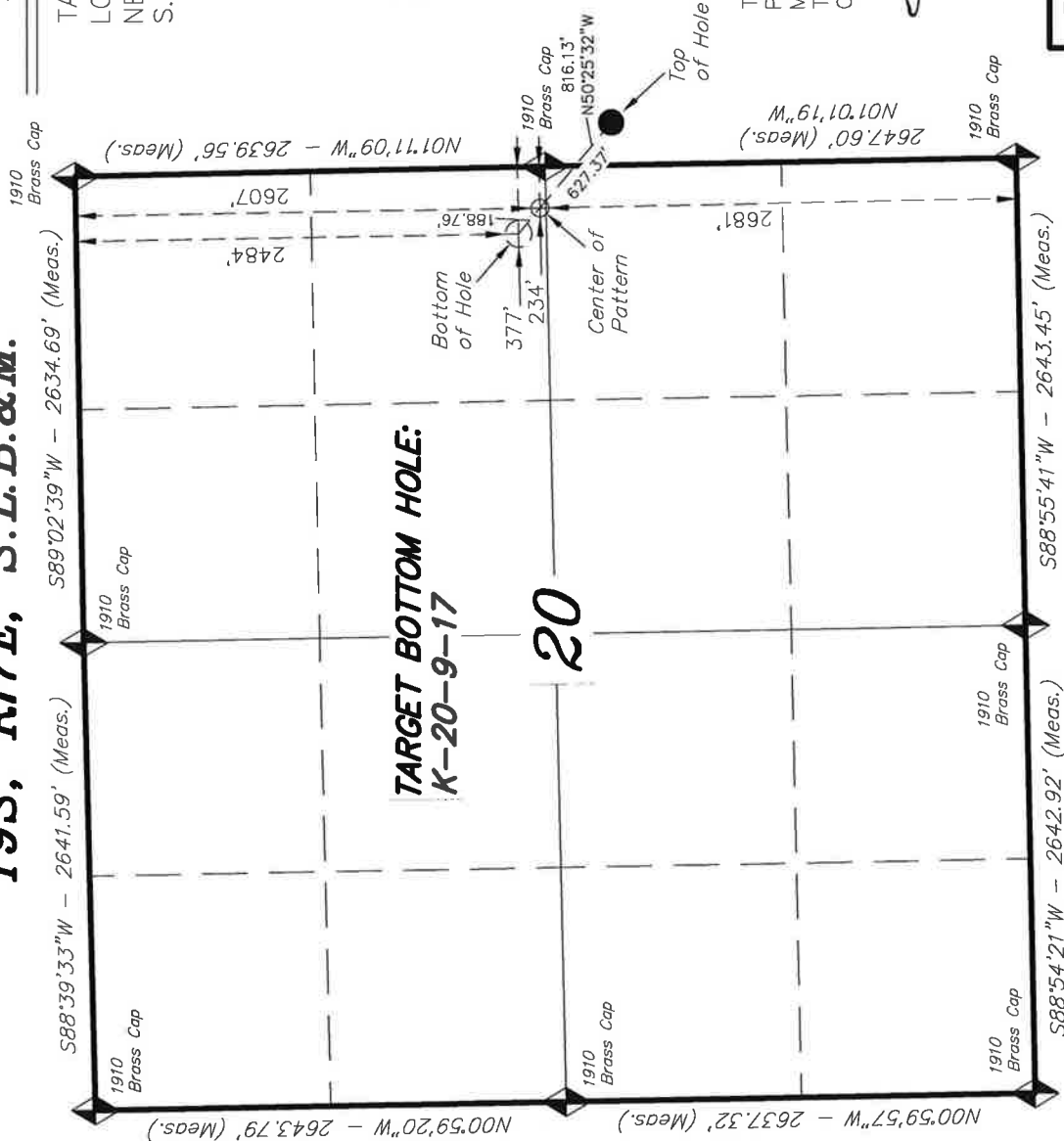
BASIS OF ELEV: Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

DATE SURVEYED:	SURVEYED BY:	VERSION:
11-28-12	W.H.	
DATE DRAWN:		
12-20-12	V.H.	V1
REVISED:		
	SCALE: 1" = 1000'	

T9S, R17E, S.L.B.&M.

NEWFIELD EXPLORATION COMPANY

TARGET BOTTOM HOLE, K-20-9-17, LOCATED AS SHOWN IN THE SE 1/4 NE 1/4 OF SECTION 20, T9S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



- NOTES:**
1. Well footages are measured at right angles to the Section Lines.
 2. Bearings are based on Global Positioning Satellite observations.
 3. The Center of Pattern footages are 2607' FNL & 234' FEL.
 4. The Bottom of Hole footages are 2484' FNL & 377' FEL.

THIS IS TO CERTIFY THAT THE ABOVE SET WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

12-20-12
STACY W.
REGISTERED LAND SURVEYOR
REGISTRATION NO. 6189377
STATE OF UTAH

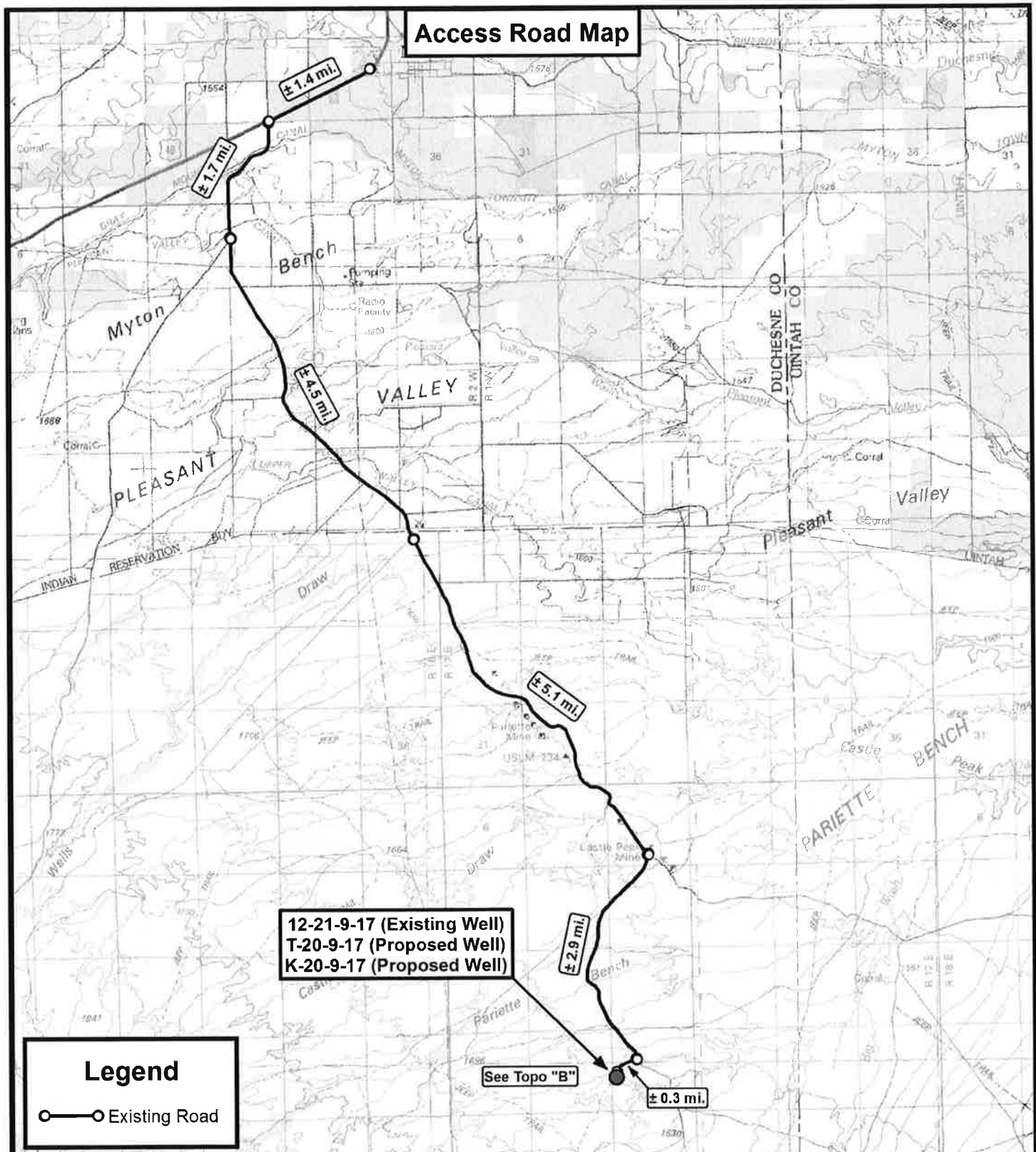
TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 11-28-12	SURVEYED BY: W.H.	VERSION: V1
DATE DRAWN: 12-20-12	DRAWN BY: F.T.M.	
REVISED:	SCALE: 1" = 1000'	

NAD 83 (CENTER OF PATTERN)	NAD 83 (BOTTOM HOLE LOCATION)
LATITUDE = 40°00'59.59"	LATITUDE = 40°01'00.80"
LONGITUDE = 110°01'18.51"	LONGITUDE = 110°01'20.35"
NAD 27 (CENTER OF PATTERN)	NAD 27 (BOTTOM HOLE LOCATION)
LATITUDE = 40°00'59.72"	LATITUDE = 40°01'00.93"
LONGITUDE = 110°01'15.97"	LONGITUDE = 110°01'17.82"

SECTION CORNERS LOCATED

BASIS OF ELEV: Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'



Tri State
Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
 F: (435) 781-2518



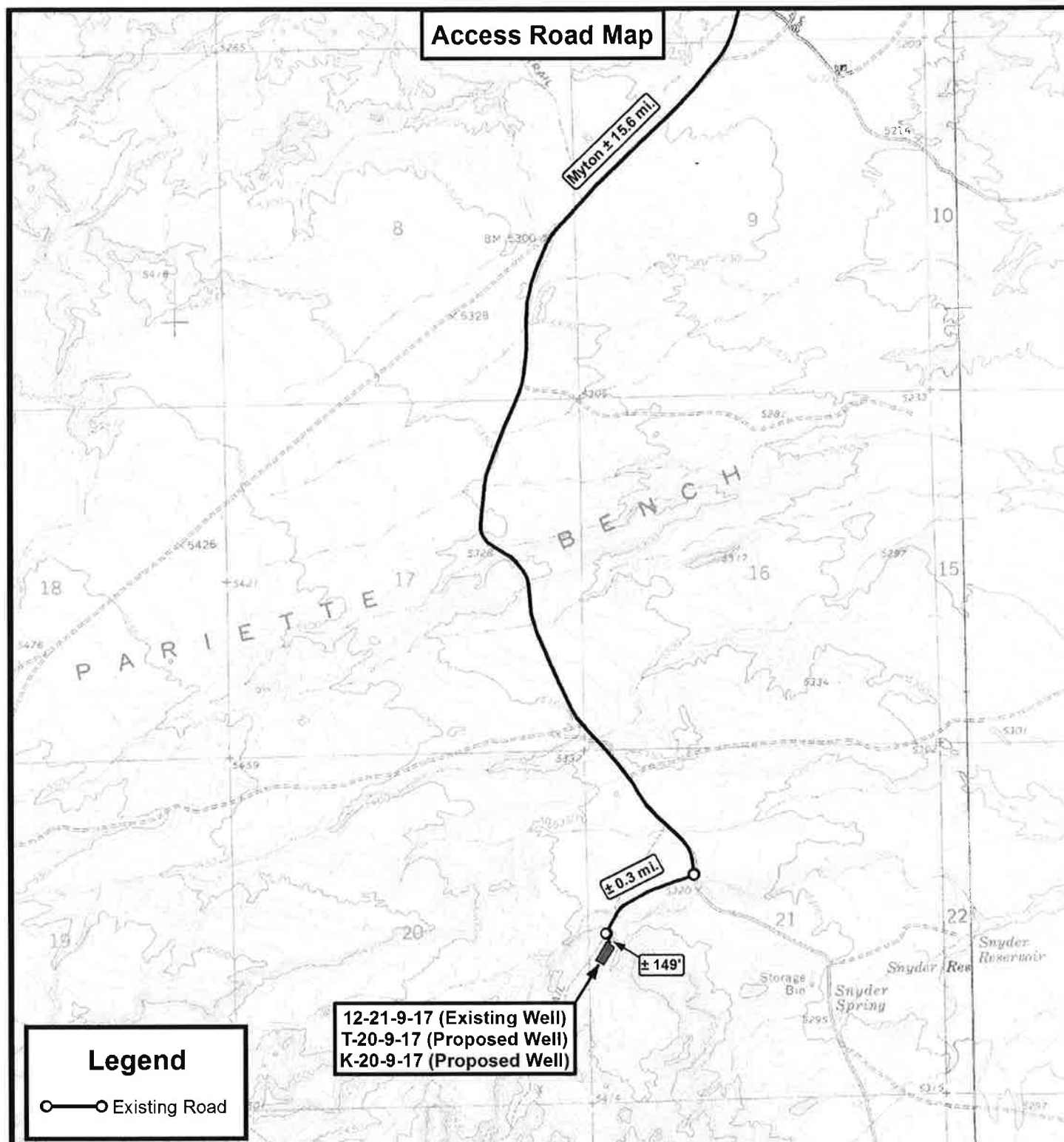
NEWFIELD EXPLORATION COMPANY

12-21-9-17 (Existing Well)
 T-20-9-17 (Proposed Well)
 K-20-9-17 (Proposed Well)
 SEC. 21, T9S, R17E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	12-24-2012		V1
SCALE:	1:100,000		

TOPOGRAPHIC MAP

SHEET
A



THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.



**Tri State
Land Surveying, Inc.**

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518

N



NEWFIELD EXPLORATION COMPANY

12-21-9-17 (Existing Well)

T-20-9-17 (Proposed Well)

K-20-9-17 (Proposed Well)

SEC. 21, T9S, R17E, S.L.B.&M. Duchesne County, UT.

DRAWN BY: A.P.C. REVISED: VERSION:

DATE: 12-24-2012

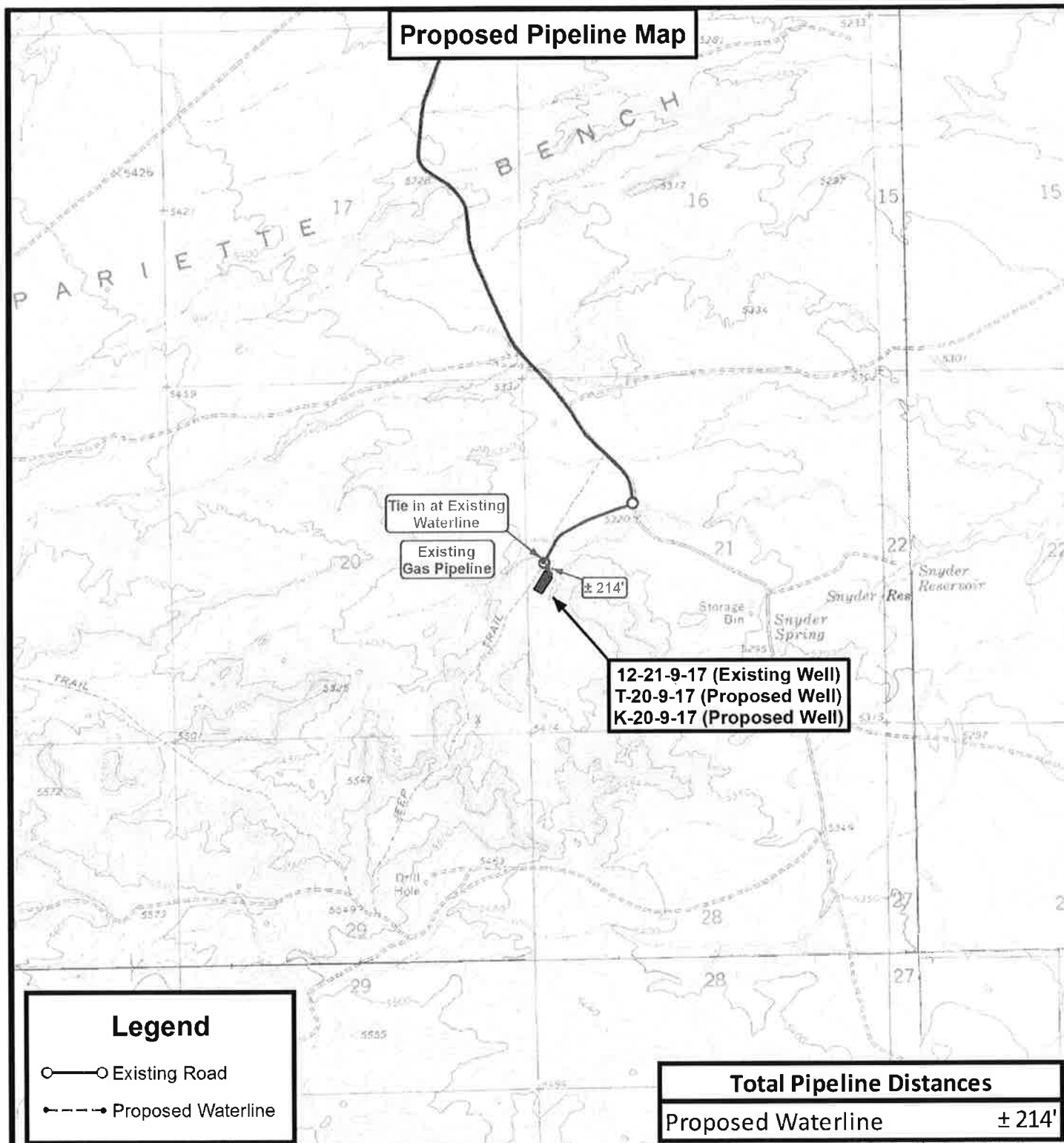
SCALE: 1" = 2,000'

V1

TOPOGRAPHIC MAP

SHEET

B



THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.



**Tri State
Land Surveying, Inc.**

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518



NEWFIELD EXPLORATION COMPANY

12-21-9-17 (Existing Well)
T-20-9-17 (Proposed Well)
K-20-9-17 (Proposed Well)

SEC. 21, T9S, R17E, S.L.B.&M. Duchesne County, UT.

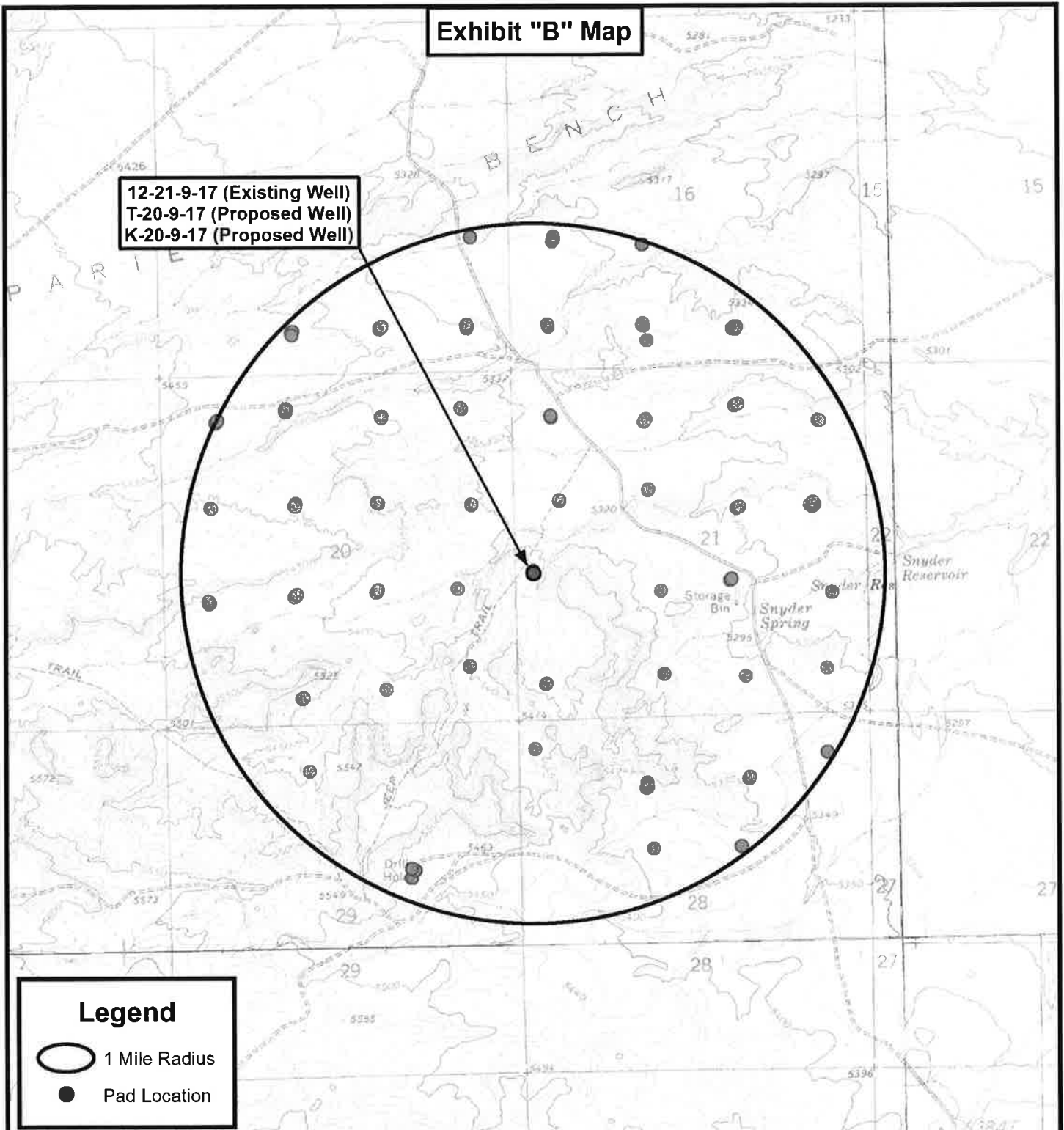
DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	12-24-2012		V1
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET
C

Exhibit "B" Map

12-21-9-17 (Existing Well)
T-20-9-17 (Proposed Well)
K-20-9-17 (Proposed Well)



THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.



**Tri State
Land Surveying, Inc.**

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518

**NEWFIELD EXPLORATION COMPANY**

12-21-9-17 (Existing Well)
T-20-9-17 (Proposed Well)
K-20-9-17 (Proposed Well)

SEC. 21, T9S, R17E, S.L.B.&M. Duchesne County, UT.

DRAWN BY:	A.P.C.	REVISED:	VERSION:
DATE:	12-24-2012		V1
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET

D

Coordinate Report

Well Number	Feature Type	Latitude (NAD 83) (DMS)	Longitude (NAD 83) (DMS)
12-21-9-17	Surface Hole	40° 00' 55.15" N	110° 01' 12.27" W
T-20-9-17	Surface Hole	40° 00' 55.36" N	110° 01' 12.33" W
K-20-9-17	Surface Hole	40° 00' 55.56" N	110° 01' 12.38" W
T-20-9-17	Center of Pattern	40° 00' 46.48" N	110° 01' 18.60" W
K-20-9-17	Center of Pattern	40° 00' 59.59" N	110° 01' 18.51" W
T-20-9-17	Bottom of Hole	40° 00' 43.58" N	110° 01' 20.65" W
K-20-9-17	Bottom of Hole	40° 01' 00.80" N	110° 01' 20.35" W
Well Number	Feature Type	Latitude (NAD 83) (DD)	Longitude (NAD 83) (DD)
12-21-9-17	Surface Hole	40.015320	110.020075
T-20-9-17	Surface Hole	40.015377	110.020091
K-20-9-17	Surface Hole	40.015434	110.020106
T-20-9-17	Center of Pattern	40.012911	110.021834
K-20-9-17	Center of Pattern	40.016553	110.021809
T-20-9-17	Bottom of Hole	40.012105	110.022404
K-20-9-17	Bottom of Hole	40.016889	110.022321
Well Number	Feature Type	Northing (NAD 83) (UTM Meters)	Longitude (NAD 83) (UTM Meters)
12-21-9-17	Surface Hole	4429917.445	583628.150
T-20-9-17	Surface Hole	4429923.748	583626.725
K-20-9-17	Surface Hole	4429930.052	583625.300
T-20-9-17	Center of Pattern	4429648.377	583480.923
K-20-9-17	Center of Pattern	4430052.622	583478.668
T-20-9-17	Bottom of Hole	4429558.416	583433.291
K-20-9-17	Bottom of Hole	4430089.500	583434.550
Well Number	Feature Type	Latitude (NAD 27) (DMS)	Longitude (NAD 27) (DMS)
12-21-9-17	Surface Hole	40° 00' 55.28" N	110° 01' 09.73" W
T-20-9-17	Surface Hole	40° 00' 55.49" N	110° 01' 09.79" W
K-20-9-17	Surface Hole	40° 00' 55.69" N	110° 01' 09.84" W
T-20-9-17	Center of Pattern	40° 00' 46.61" N	110° 01' 16.06" W
K-20-9-17	Center of Pattern	40° 00' 59.72" N	110° 01' 15.97" W
T-20-9-17	Bottom of Hole	40° 00' 43.71" N	110° 01' 18.12" W
K-20-9-17	Bottom of Hole	40° 01' 00.93" N	110° 01' 17.82" W



**Tri State
Land Surveying, Inc.**

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518

NEWFIELD EXPLORATION COMPANY

12-21-9-17 (Existing Well)

T-20-9-17 (Proposed Well)

K-20-9-17 (Proposed Well)

SEC. 21, T9S, R17E, S.L.B.&M. Duchesne County, UT.

DRAWN BY: A.P.C.

REVISED:

DATE: 12-24-2012

VERSION: V1

COORDINATE REPORT

SHEET

1

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 6/21/2013

API NO. ASSIGNED: 43013522630000

WELL NAME: GMBU K-20-9-17

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)

PHONE NUMBER: 435 646-4825

CONTACT: Mandie Crozier

PROPOSED LOCATION: NWSW 21 090S 170E

Permit Tech Review: ☒

SURFACE: 2272 FSL 0242 FWL

Engineering Review: ☐

BOTTOM: 2484 FNL 0377 FEL

Geology Review: ☒

COUNTY: DUCHESNE

LATITUDE: 40.01545

LONGITUDE: -110.02009

UTM SURF EASTINGS: 583626.00

NORTHINGS: 4429932.00

FIELD NAME: MONUMENT BUTTE

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-13905

PROPOSED PRODUCING FORMATION(S): GREEN RIVER

SURFACE OWNER: 1 - Federal

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

☒ PLAT☒ Bond: FEDERAL - WYB000493☐ Potash☐ Oil Shale 190-5☐ Oil Shale 190-3☐ Oil Shale 190-13☒ Water Permit: 437478☐ RDCC Review:☐ Fee Surface Agreement☐ Intent to Commingle

Commingling Approved

LOCATION AND SITING:

☐ R649-2-3.

Unit: GMBU (GRRV)

☐ R649-3-2. General☐ R649-3-3. Exception☒ Drilling Unit

Board Cause No: Cause 213-11

Effective Date: 11/30/2009

Siting: Suspends General Siting

☒ R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 4 - Federal Approval - dmason
15 - Directional - dmason
27 - Other - bhill

RECEIVED: July 02, 2013



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: GMBU K-20-9-17
API Well Number: 43013522630000
Lease Number: UTU-13905
Surface Owner: FEDERAL
Approval Date: 7/2/2013

Issued to:

NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 213-11. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Production casing cement shall be brought up to or above the top of the unitized interval for the Greater Monument Butte Unit (Cause No. 213-11).

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels at 801-538-5284

(please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
at <http://oilgas.ogm.utah.gov>

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

A handwritten signature in black ink, appearing to read "John Rogers", written over a horizontal line.

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-13905
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: GMBU K-20-9-17
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2272 FSL 0242 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 21 Township: 09.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013522630000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/2/2014	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER:
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Newfield proposes to extend the Application for Permit to Drill this well.

Approved by the
Utah Division of
Oil, Gas and Mining

May 14, 2014

Date: _____

By:

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 5/13/2014	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013522630000

API: 43013522630000

Well Name: GMBU K-20-9-17

Location: 2272 FSL 0242 FWL QTR NWSW SEC 21 TWNP 090S RNG 170E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 7/2/2013

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

Signature: Mandie Crozier

Date: 5/13/2014

Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-13905
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: GMBU K-20-9-17
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		9. API NUMBER: 43013522630000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2272 FSL 0242 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 21 Township: 09.0S Range: 17.0E Meridian: S		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UTAH

11.

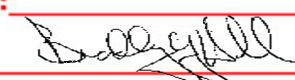
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/2/2015	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Newfield proposes to extend the Application for Permit to Drill this well.

Approved by the
June 08, 2015
Utah Division of
Oil, Gas and Mining

Date: _____
By: 

NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A		DATE 5/27/2015



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013522630000

API: 43013522630000

Well Name: GMBU K-20-9-17

Location: 2272 FSL 0242 FWL QTR NWSW SEC 21 TWNP 090S RNG 170E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 7/2/2013

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

Signature: Mandie Crozier

Date: 5/27/2015

Title: Regulatory Tech Representing: NEWFIELD PRODUCTION COMPANY

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

OCT 29 2015

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

BLM

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU13905
2. Name of Operator NEWFIELD PRODUCTION COMPANY Contact: MANDIE CROZIER E-Mail: MCROZIER@NEWFIELD.COM		6. If Indian, Allottee or Tribe Name
3a. Address ROUTE 3 BOX 3630 MYTON, UT 84052	3b. Phone No. (include area code) Ph: 435-646-4825	7. If Unit or CA/Agreement, Name and/or No. UTU87538X
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 21 T9S R17E Mer SLB NWSW 2272FSL 242FWL		8. Well Name and No. GMBU K-20-9-17
		9. API Well No. 43-013-52263
		10. Field and Pool, or Exploratory MONUMENT BUTTE
		11. County or Parish, and State DUCHESNE COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original A
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Newfield proposes to extend the Application for Permit to Drill this well. The APD was originally approved on 11/22/13.

APD - 11/22/13

NEPA - 2013-285 EA

RECEIVED

DEC 18 2015

CONDITIONS OF APPROVAL ATTACHED

DIV. OF OIL, GAS & MINING

VERNAL FIELD OFFICE	
ENG.	<i>RFP 11/24/15</i>
GEOL.	_____
E.S.	_____
PET.	_____
RECL.	_____

14. I hereby certify that the foregoing is true and correct. Electronic Submission #322021 verified by the BLM Well Information System For NEWFIELD PRODUCTION COMPANY, sent to the Vernal Committed to AFMSS for processing by JOHNETTA MAGEE on 11/02/2015 ()	
Name (Printed/Typed) MANDIE CROZIER	Title REGULATORY SPECIALIST
Signature (Electronic Submission)	Date 10/29/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>[Signature]</i>	Assistant Field Manager Lands & Mineral Resources	NOV 30 2015
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office VERNAL FIELD OFFICE	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED**

UDOGM

CONDITIONS OF APPROVAL

Newfield Exploration Company

Notice of Intent APD Extension

Lease: UTU-13905
Well: GMBU K-20-9-17
Location: NWSW Sec 21-T9S-R17E

An extension for the referenced APD is granted with the following conditions:

1. The extension and APD shall expire on 11/22/2017.
2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Robin L Hansen of this office at (435) 781-2777

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-13905
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: GMBU K-20-9-17
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2272 FSL 0242 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 21 Township: 09.0S Range: 17.0E Meridian: S		9. API NUMBER: 43013522630000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/2/2016 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Newfield proposes to extend the Application for Permit to Drill this well.		
<div style="color: red; font-weight: bold;"> Approved by the June 15, 2016 Oil, Gas and Mining </div> <div style="margin-top: 10px;"> Date: _____ By: </div>		
NAME (PLEASE PRINT) Mandie Crozier	PHONE NUMBER 435 646-4825	TITLE Regulatory Tech
SIGNATURE N/A	DATE 6/13/2016	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43013522630000

API: 43013522630000

Well Name: GMBU K-20-9-17

Location: 2272 FSL 0242 FWL QTR NWSW SEC 21 TWNP 090S RNG 170E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 7/2/2013

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

Signature: Mandie Crozier

Date: 6/13/2016

Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY